

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|---|--------------------------------|------------------|
| - | 1360 | time\$3 with line\$3 with photo\$3 | USPAT; US-PGPUB; DERWENT | 2003/06/20 08:39 |
| - | 112 | (time\$3 with line\$3 with photo\$3).ab.ti. | USPAT; US-PGPUB; DERWENT | 2003/06/20 08:40 |
| - | 213 | (time\$3 adj3 line\$3) with photo\$3 | USPAT; US-PGPUB; DERWENT | 2003/06/20 08:46 |
| - | 30619 | (digital with image\$3).ab.ti. | USPAT; US-PGPUB; DERWENT | 2003/06/20 08:48 |
| - | 251 | (digital with image\$3 with database).ab.ti. | USPAT; US-PGPUB; DERWENT | 2003/06/20 08:55 |
| - | 1 | ((digital with image\$3 with database).ab.ti.) and (time adj2 line) | USPAT; US-PGPUB; DERWENT | 2003/06/20 08:56 |
| - | 38 | ((digital with image\$3 with database).ab.ti.) and (index) | USPAT; US-PGPUB; DERWENT | 2003/06/20 09:01 |
| - | 2 | ("5553277").PN. | USPAT; US-PGPUB; DERWENT | 2003/06/20 09:01 |
| - | 22 | 5553277.URPN. | USPAT | 2003/06/20 09:02 |
| - | 3 | 5995978.URPN. | USPAT | 2003/06/20 09:08 |
| - | 12 | ("4974034" "5367672" "5446524" "5465353" "5499108" "5553277" "5590317" "5604824" "5668897" "5748780" "5748931" "5761655").PN. | USPAT | 2003/06/20 09:09 |
| - | 0 | ("hirano.in.").PN. | USPAT; US-PGPUB; DERWENT | 2003/06/20 09:13 |
| - | 18 | hirano-toru.in. | USPAT; US-PGPUB; DERWENT | 2003/06/20 09:14 |
| - | 0 | image\$3 with database\$3 with index\$3 | USPAT; US-PGPUB; DERWENT | 2003/06/20 09:15 |
| - | 617 | image\$3 with database\$3 with index\$3 | USPAT; US-PGPUB; DERWENT | 2003/06/20 09:16 |
| - | 65 | (image\$3 with database\$3 with index\$3) with digital\$3 | USPAT; US-PGPUB; DERWENT | 2003/06/20 09:18 |
| - | 2 | ("6,192,165,") .PN. | USPAT; US-PGPUB; DERWENT | 2003/06/20 09:18 |
| - | 2 | ("6278464").PN. | USPAT; US-PGPUB; DERWENT | 2003/06/30 11:21 |
| - | 2 | ("6542172").PN. | USPAT; US-PGPUB; DERWENT | 2003/07/01 10:35 |
| - | 2 | ("6278464").PN. | USPAT; US-PGPUB; DERWENT | 2003/07/01 10:42 |
| - | 0 | ("60183677").PN. | USPAT; US-PGPUB; DERWENT | 2003/07/01 10:50 |
| - | 483 | (345/853).CCLS. | USPAT; US-PGPUB; DERWENT | 2003/07/01 10:57 |
| - | 411 | (345/854).CCLS. | USPAT; US-PGPUB; DERWENT | 2003/07/01 10:59 |
| - | 0 | ("3 and (time).ab.ti.").PN. | USPAT; US-PGPUB; DERWENT | 2003/07/01 10:59 |

| | | | | |
|---|-----|--|--------------------------------|------------------|
| - | 45 | ((345/853).CCLS.) and (time).ab.ti. | USPAT; US-PGPUB; DERWENT | 2003/07/01 11:03 |
| - | 7 | ((345/853).CCLS.) and timeline | USPAT; US-PGPUB; DERWENT | 2003/07/01 11:06 |
| - | 5 | ((345/854).CCLS.) and timeline | USPAT; US-PGPUB; DERWENT | 2003/07/01 11:07 |
| - | 17 | ((345/854).CCLS.) and chronologi\$3 | USPAT; US-PGPUB; DERWENT | 2003/07/01 11:12 |
| - | 15 | ((345/853).CCLS.) and chronologi\$3 | USPAT; US-PGPUB; DERWENT | 2003/07/01 11:12 |
| - | 279 | (digital\$3 with imag\$3 with databas\$3).ab.ti. | USPAT; US-PGPUB; DERWENT | 2003/07/02 15:03 |
| - | 0 | ((digital\$3 with imag\$3 with databas\$3).ab.ti.) and timeline | USPAT; US-PGPUB; DERWENT | 2003/07/02 15:03 |
| - | 1 | ((digital\$3 with imag\$3 with databas\$3).ab.ti.) and chronologic\$3 | USPAT; US-PGPUB; DERWENT | 2003/07/02 15:03 |
| - | 5 | ((digital\$3 with imag\$3 with databas\$3).ab.ti.) and chronologic\$4 | USPAT; US-PGPUB; DERWENT | 2003/07/02 15:04 |
| - | 13 | ((digital\$3 with imag\$3 with databas\$3).ab.ti.) and sort | USPAT; US-PGPUB; DERWENT | 2003/07/02 16:54 |
| - | 1 | "09/354,188" | USPAT; US-PGPUB; DERWENT | 2003/07/02 16:55 |
| - | 7 | 6115717.URPN. | USPAT | 2003/07/03 10:18 |
| - | 4 | ("5493677" "5696892" "5838334" "5901245").PN. | USPAT | 2003/07/03 10:18 |
| - | 56 | timeline with database | USPAT; US-PGPUB; DERWENT | 2003/07/03 12:49 |
| - | 4 | "6486896" | USPAT; US-PGPUB; DERWENT | 2003/07/03 13:08 |
| - | 0 | 6486896.URPN. | USPAT | 2003/07/03 12:49 |
| - | 10 | ("5491781" "5533182" "5854629" "5872566" "5977972" "6061062" "6075467" "6208343" "6320577" "6330009").PN. | USPAT | 2003/07/03 12:49 |
| - | 562 | (345/835).CCLS. | USPAT; US-PGPUB; DERWENT | 2003/07/03 13:15 |
| - | 227 | ((345/835).CCLS.) and database | USPAT; US-PGPUB; DERWENT | 2003/07/03 15:37 |
| - | 2 | ("6486896").PN. | USPAT; US-PGPUB; DERWENT | 2003/07/03 14:57 |
| - | 2 | ("6408301").PN. | USPAT; US-PGPUB; DERWENT | 2003/07/03 15:03 |
| - | 2 | ("6396963").PN. | USPAT; US-PGPUB; DERWENT | 2003/07/03 15:05 |
| - | 48 | ((345/835).CCLS.) and database.ab.ti. | USPAT; US-PGPUB; DERWENT | 2003/07/03 16:21 |
| - | 2 | ("6408301").PN. | USPAT; US-PGPUB; DERWENT | 2003/07/03 16:21 |
| - | 2 | ("6486896").PN. | USPAT; US-PGPUB; DERWENT | 2003/07/07 12:02 |

| | | | | |
|---|-----|---|--------------------------------|------------------|
| - | 38 | (345/758).CCLS. | USPAT; US-PGPUB; DERWENT | 2003/07/07 12:03 |
| - | 5 | ((345/758).CCLS.) and clear | USPAT; US-PGPUB; DERWENT | 2003/07/07 12:04 |
| - | 462 | (345/700).CCLS. | USPAT; US-PGPUB; DERWENT | 2003/07/07 12:06 |
| - | 13 | ((345/700).CCLS.) and (clear with button) | USPAT; US-PGPUB; DERWENT | 2003/07/07 12:06 |

11/5/1 (Item 1 from file 347)
DIALOG(R)File 347:JAPIO
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07314720 **Image available**
METHOD AND DEVICE FOR RETRIEVING SIMILAR OBJECT

PUB. NO.: 2002-183206 [JP 2002183206 A]
PUBLISHED: June 28, 2002 (20020628)
INVENTOR(s): KIRA KENJI
APPLICANT(s): MITSUBISHI ELECTRIC CORP
APPL. NO.: 2000-381304 [JP 2000381304]
FILED: December 15, 2000 (20001215)
INTL CLASS: G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To perform a similarity retrieval processing at a high speed.

SOLUTION: An ϵ -neighborhood generating part 2 classifies all objects into intra-neighborhood data within a neighborhood radius ϵ ; with any representative point as a center. When an object is not included in any neighborhood radius ϵ , the object is defined as a representative point. A candidate object extracting 4 compares each representative point with each characteristics quantity of a reference object, sorts representative points in the order of similarity and defines the representative point at the time when the total amount of the number of elements of the intra-neighborhood data of representative points added in the order surpasses the number of presented objects as a reference representative point. An object included in the intra-neighborhood data of a representative point whose distance to the reference object becomes equal to or smaller than a value obtained by adding a neighborhood radius obtained by doubling the distance between the reference object and the reference representative point is extracted as a candidate object. A retrieval processing part 5 specifies objects being similar to the reference object among candidate objects as many as the number of presented objects designated in the order of similarity.

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11/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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06537280 **Image available**
GRAPHICAL USER INTERFACE FOR COMMENT DISPLAY, COMMENT DISPLAY METHOD THEREFOR AND RECORDING MEDIUM

PUB. NO.: 2000-123004 [JP 2000123004 A]
PUBLISHED: April 28, 2000 (20000428)
INVENTOR(s): TAKAHASHI TSUTOMU
TADANO MASAYOSHI
APPLICANT(s): MICROSOFT CORP
APPL. NO.: 10-291155 [JP 98291155]
FILED: October 13, 1998 (19981013)
INTL CLASS: G06F-017/21 ; G06F-003/00 ; G06F-017/28

ABSTRACT

PROBLEM TO BE SOLVED: To simplify operation related to comment display by displaying the comment information of a designated object item and comment information for the prescribed number of other object items on a sub menu picture corresponding to the display positions of plural object items centering the display position of the designated comment information.

SOLUTION: When one item in a menu is designated, not only the item but also the comment of the other item are displayed on the sub menu. For example, when a KANJI converting candidate 1 of 'produce' is designated (A), the

comment of the KANJI converting candidate 1 is displayed just on the right side of that item and the comment of other KANJI converting candidate 2 of 'produce' in this case is displayed corresponding to the display order (display positions) of items. Besides, when the selecting candidate 2 of 'produce' is designated (B), the comment corresponding to this item is displayed on the right side and the comment of an upper item of 'produce' is displayed at the upper part.

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11/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

06386551 **Image available**
FILE SORTING DEVICE, ITS METHOD AND STORAGE MEDIUM

PUB. NO.: 11-328198 [JP 11328198 A]
PUBLISHED: November 30, 1999 (19991130)
INVENTOR(s): SAKAI TATSUYA
APPLICANT(s): SHARP CORP
APPL. NO.: 10-131788 [JP 98131788]
FILED: May 14, 1998 (19980514)
INTL CLASS: G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To provide a file sorting device and its method without confusing a user due to the restriction of a function by excluding the restriction of the function due to a picture.

SOLUTION: A system part 21 starts a file sorting application part 22. The part 22 displays a picture file list by an area dividing processing part 28 under the control of a sorting processing main part 25 and makes a selected picture file an original picture file. Then, at the time of a picture dividing system, new folders for the portion of a designated dividing number are generated to correspond to an original picture object. In a graphic object system, an original picture is displayed to designate the prescribed number of coordinates and the area of the prescribed number of the graphic objects is secured to correspond to the designated coordinate, to assign a folder to each of the graphic object and to link with the original picture object. Thus, a user can freely designate a file storing place with respect to all the areas of the original picture and thereby, the restriction of the function due to the picture is eliminated to provide the convenient file sorting device.

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11/5/5 (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

05242915 **Image available**
STOCK CONTROL SYSTEM

PUB. NO.: 08-198415 [JP 8198415 A]
PUBLISHED: August 06, 1996 (19960806)
INVENTOR(s): SHIMOMURA ICHIRO
APPLICANT(s): NIPPON DENKI IDO TSUSHIN KK [000000] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 07-010532 [JP 9510532]
FILED: January 26, 1995 (19950126)
INTL CLASS: [6] B65G-001/137; G06F-019/00
JAPIO CLASS: 26.9 (TRANSPORTATION -- Other); 44.4 (COMMUNICATION -- Telephone); 45.4 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD:R080 (CONSTRUCTION -- Automated Warehouses); R088 (PRECISION

ABSTRACT

PURPOSE: To make stock control of objects stored in multiple unmanned object storing places from a remote office using a facilitated portable telephone device and a radio call device.

CONSTITUTION: In an **object** storage place 1A, stock data **showing** the stock **number** of **objects** counted by stock counters 120a, ..., 120m is transmitted as radio signals from an antenna 13 through a stock data memory 121, a central control part 123, a communication control part 111, and a transmitting and receiving part 112. Also the stock data of the transmitted radio signals is received by an antenna 21 of the nearest facilitated portable telephone device 2, input into a radio call service transmitting station 5 through a central service station 3 and a public telephone line net 4, and re-transmitted from its antenna 51. In an office 6, radio signals transmitted from the antenna 51 are received by a radio call receiver 61 through an antenna 63, and also stock data is displayed on the monitor part 624 of a received data monitor device 62.

11/5/6 (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04461440 **Image available**
THREE-DIMENSION PICTURE INPUT DEVICE ADOPTING PLURAL VIEW POINTS

PUB. NO.: 06-105340 [JP 6105340 A]
PUBLISHED: April 15, 1994 (19940415)
INVENTOR(s): OSHIMA MITSUO
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 04-246818 [JP 92246818]
FILED: September 16, 1992 (19920916)
INTL CLASS: [5] H04N-013/02; G01B-011/24; G01C-003/06; **G06F-015/62 ; G06F-015/64**
JAPIO CLASS: 44.6 (COMMUNICATION -- Television); 29.1 (PRECISION INSTRUMENTS -- Photography & Cinematography); 45.4 (INFORMATION PROCESSING -- Computer Applications); 46.1 (INSTRUMENTATION -- Measurement)
JOURNAL: Section: E, Section No. 1579, Vol. 18, No. 378, Pg. 105, July 15, 1994 (19940715)

ABSTRACT

PURPOSE: To provide the plural view point 3-dimension picture input device with less information quantity, high resolution and excellent distance accuracy.

CONSTITUTION: The input device is provide with at least two sets two sets of 3D cameras 30-1-30-n, they are used to input a picture of an objects and to output gradation pictures S30-1a-S30-na and distance picture S30-1b-S30-nb respectively. An object expressing maximum picture element number selection device 32 selects a gradation picture of the 3D cameras in which the **number** of picture **elements** used to **express** the **object** is maximized. A picture synthesizer 33 synthesizes picture by using the selected gradation picture and the synthesized picture is displayed by using a display device 34, then the picture is formed with high resolution.

11/5/10 (Item 10 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

03169746 **Image available**
MANAGEMENT OF NUMBER OF EXISTING PRODUCT IN PRODUCTION LINE

PUB. NO.: 02-145246 [JP 02-145246 A]
 PUBLISHED: June 04, 1990 (19900604)
 INVENTOR(s): INUI HIROYUKI
 APPLICANT(s): TOYOTA MOTOR CORP [000320] (A Japanese Company or Corporation), JP (Japan)
 APPL. NO.: 63-296167 [JP 88296167]
 FILED: November 25, 1988 (19881125)
 INTL CLASS: [5] B23Q-041/08; G06F-015/21
 JAPIO CLASS: 25.2 (MACHINE TOOLS -- Cutting & Grinding); 45.4 (INFORMATION PROCESSING -- Computer Applications)
 JOURNAL: Section: M, Section No. 1014, Vol. 14, No. 388, Pg. 28, August 22, 1990 (19900822)

ABSTRACT

PURPOSE: To eliminate a misregister and to curtail the man/hour in management by holding a kind table relating each item of the product specification and the kind in each item thereof from the specification of a product and an existing number table grasping the number of existing products by the kind of each item thereof by a stock control unit.

CONSTITUTION: The discrimination symbol 3 given to the vehicle 2 flowed in a production line is read by a reading means 1, controller 5 finds the specification of the vehicle 2 by inquiring to a host computer 6 based on the symbol 3 and whether the kind of each item of this specification is new or not is decided from the specification thereof. In case of being decided as a new kind, the symbol of the new kind thereof is automatically registered on the kind table. The discrimination symbol 3 of the vehicle 2 is read by a reading means 4 and in case of the **number** of existing **products** on the production line **corresponding** to the kind **symbol** registered already becoming zero, this kind symbol is automatically removed from the kind table.

11/5/15 (Item 2 from file: 350)
 DIALOG(R) File 350: Derwent WPIX
 (c) 2003 Thomson Derwent. All rts. reserv.

014301627 **Image available**
 WPI Acc No: 2002-122331/200216
 XRPX Acc No: N02-091752

Computer object representation method has object images each represented in browser window with definition of interactive surface of object

Patent Assignee: REALSPACE GMBH (REAL-N)
 Inventor: BACH C; HARMANN H
 Number of Countries: 096 Number of Patents: 003
 Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|--------------|------|----------|---------------|------|----------|----------|
| WO 200198943 | A2 | 20011227 | WO 2001EP6984 | A | 20010620 | 200216 B |
| DE 10030868 | A1 | 20020110 | DE 1030868 | A | 20000623 | 200216 |
| AU 200179675 | A | 20020102 | AU 200179675 | A | 20010620 | 200230 |

Priority Applications (No Type Date): DE 1030868 A 20000623

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|--------------|------|-----|----|-------------|--------------|
| WO 200198943 | A2 | G | 57 | G06F-017/30 | |

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

| | | |
|--------------|----|--|
| DE 10030868 | A1 | G06T-017/40 |
| AU 200179675 | A | G06F-017/30 Based on patent WO 200198943 |

Abstract (Basic): WO 200198943 A2

NOVELTY - The **representation** method uses a **number** of 2-dimensional **images** (400) of the **object** viewed from different aspects, the position and/or spatial location of the object within a

reference system (X,Y,Z) provided for each image, with a model surface (1010) used for each interactive surface of the model to be generated.

DETAILED DESCRIPTION - Each has a position which can vary relative to the reference system, corresponding to the variation in the position and/or spatial location of the object upon changing the viewing aspect. The projection of the model surface onto the object image corresponding to the new viewing aspect is calculated and used for definition of the interactive surface in the representation of the object provided via a browser window.

Also included are INDEPENDENT CLAIMS for the following:

(a) a computer system for generating a variable representation of an object;

(b) a computer programme product;

(c) a network server;

(d) a network client

USE - The method is used for representation of an object in a computer system.

ADVANTAGE - The complexity for generation of interactive surfaces for a variable object representation is reduced.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic illustration of a method for inserting interactive surfaces in a variable representation of an object.

2-dimensional image (400)

Model surface (1010)

pp; 57 DwgNo 10b/10

Title Terms: COMPUTER; OBJECT; REPRESENT; METHOD; OBJECT; IMAGE; REPRESENT; WINDOW; DEFINE; INTERACT; SURFACE; OBJECT

Derwent Class: T01

International Patent Class (Main): G06F-017/30 ; G06T-017/40

International Patent Class (Additional): G06F-003/00 .

File Segment: EPI

11/5/17 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014137003 **Image available**

WPI Acc No: 2001-621214/200172

XRPX Acc No: N01-463570

Goods selling method in network, involves determining provision price and number of goods and notifying user terminal whether goods are purchasable

Patent Assignee: NTT PC COMMUNICATIONS KK (NITE)

Number of Countries: 001 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|--------------|------|----------|----------|
| JP 2001229269 | A | 20010824 | JP 200041502 | A | 20000218 | 200172 B |
| JP 3366889 | B2 | 20030114 | JP 200041502 | A | 20000218 | 200308 |

Priority Applications (No Type Date): JP 200041502 A 20000218

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

| | | | | | |
|---------------|---|--|----|-------------|--|
| JP 2001229269 | A | | 20 | G06F-017/60 | |
|---------------|---|--|----|-------------|--|

| | | | | | |
|------------|----|--|----|-------------|-------------------------------------|
| JP 3366889 | B2 | | 20 | G06F-017/60 | Previous Publ. patent JP 2001229269 |
|------------|----|--|----|-------------|-------------------------------------|

Abstract (Basic): JP 2001229269 A

NOVELTY - The information regarding goods are transmitted to user terminal and bid information including purchasing desired price is received from the user terminal. The provision price and number of goods are determined based on the received bid information and the user terminal is notified whether goods are purchasable.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Goods selling device;

(b) Recording medium with goods selling program

USE - For selling goods on network e.g. internet.

ADVANTAGE - As the user can choose a price, the problem that a bid cannot be offered until price falls is eliminated, hence increases the

interest of common purchasing service for user.

DESCRIPTION OF DRAWING(S) - The figure shows **graphical representation** of provision price to the **number** of goods purchasing schedule persons. (Drawing includes non-English language text).

pp; 20 DwgNo 2/28

Title Terms: GOODS; SELL; METHOD; NETWORK; DETERMINE; PROVISION; PRICE; NUMBER; GOODS; NOTIFICATION; USER; TERMINAL; GOODS

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G07C-013/00; G07G-001/12

File Segment: EPI

11/5/18 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014108935 **Image available**

WPI Acc No: 2001-593147/200167

XRPX Acc No: N01-441996

Information retrieval device has order number calculation unit to compute order number of search item in number of information items indicated by graphic

Patent Assignee: FUJITSU LTD (FUIT)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|--------------|------|----------|----------|
| JP 2001222533 | A | 20010817 | JP 200029075 | A | 20000207 | 200167 B |

Priority Applications (No Type Date): JP 200029075 A 20000207

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2001222533 A 11 G06F-017/30

Abstract (Basic): JP 2001222533 A

NOVELTY - A portion of character row from the lead of the character row of a search item stored in an information memory (1), is stored beforehand in an information distribution memory (2). Distribution of the number of information items is displayed in a graphical shape, for every information group. A calculation unit (5) computes the order number of search item in displayed number of information item, to facilitate quick retrieval.

USE - Information retrieval device.

ADVANTAGE - Facilitates high speed retrieval operation and improves accuracy of search operation by facilitating analog search process and digital search process, simultaneously.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of information retrieval device. (Drawing includes non-English language text).

Information memory (1)

Information distribution memory (2)

Order number calculation unit (5)

pp; 11 DwgNo 1/11

Title Terms: INFORMATION; RETRIEVAL; DEVICE; ORDER; NUMBER; CALCULATE; UNIT ; COMPUTATION; ORDER; NUMBER; SEARCH; ITEM; NUMBER; INFORMATION; ITEM;

INDICATE; GRAPHIC

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

11/5/19 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014085727 **Image available**

WPI Acc No: 2001-569941/200164

XRPX Acc No: N01-424719

Computer implemented method for visualizing three dimensional decision-tree classifier, involves providing graphical attribute representative of number of records in class at each node in 3D decision tree visualization

Patent Assignee: SILICON GRAPHICS INC (SILI-N)

Inventor: KOHAVI R; TESLER J D

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| US 6278464 | B1 | 20010821 | US 97813336 | A | 19970307 | 200164 B |

Priority Applications (No Type Date): US 97813336 A 19970307

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|----|-------------|--------------|
| US 6278464 | B1 | | 26 | G06F-015/00 | |

Abstract (Basic): US 6278464 B1

NOVELTY - The structure of a decision tree classifier is mapped into a three dimensional decision tree visualization and is displayed. The nodes in the decision tree include graphical objects representing nodes arranged in a hierarchy. The **graphical attributes representing the number of records** in a class at **corresponding** node of the decision tree classifier, are provided to each node in the decision tree.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Computer implemented decision tree classifier visualizing system;

(b) Computer program for visualizing decision tree classifier

USE - For visualizing three dimensional decision tree classifier for data mining application.

ADVANTAGE - The **graphical attributes represent number of records** in a class at each node in three dimensional decision tree visualization, thereby helping a viewer to make easy prediction at each node by observing the graphical attribute at each node.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic diagram of a system for visualizing decision tree classifier.

pp; 26 DwgNo 5/12

Title Terms: COMPUTER; IMPLEMENT; METHOD; THREE; DIMENSION; DECIDE; TREE; CLASSIFY; GRAPHICAL; ATTRIBUTE; REPRESENT; NUMBER; RECORD; CLASS; NODE; DECIDE; TREE

Derwent Class: T01

International Patent Class (Main): G06F-015/00

File Segment: EPI

11/5/23 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012789219 **Image available**

WPI Acc No: 1999-595446/199951

XRPX Acc No: N99-439724

Data production procedure for graphical user interface environment formation in a computer - involves displaying assembly object for collectively storing designed software components, corresponding to predetermined number of objects, as one object on editor screen

Patent Assignee: SONY CORP (SONY)

Inventor: YAMAMOTO K

Number of Countries: 003 Number of Patents: 003

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| JP 11259278 | A | 19990924 | JP 9856494 | A | 19980309 | 199951 B |
| KR 99077677 | A | 19991025 | KR 997489 | A | 19990308 | 200052 |
| US 6542172 | B1 | 20030401 | US 99264995 | A | 19990309 | 200324 |

Priority Applications (No Type Date): JP 9856494 A 19980309

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-------------|------|-----|----|-------------|--------------|
| JP 11259278 | A | | 8 | G06F-009/06 | |
| KR 99077677 | A | | | G06F-009/46 | |
| US 6542172 | B1 | | | G09G-005/00 | |

Abstract (Basic): JP 11259278 A

NOVELTY - An assembly object (33) for collectively storing the designed software components, **corresponding** to predetermined **number** of **objects** (32), is displayed as one **object** on an editor screen (31). The setting of size or position of the assembly object is enabled on the editor screen. DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a recording medium which stores a program required for display.

USE - For graphical user interface environment formation in a computer.

ADVANTAGE - Improves operability and efficiency of edit operation by producing number of objects as one assembly object on editor screen.

DESCRIPTION OF DRAWING(S) - The figure shows the diagram of the screen display of number of objects and assembly object on an editor screen. (31) Editor screen; (32) Objects; (33) Assembly object.

Dwg.1/6

Title Terms: DATA; PRODUCE; PROCEDURE; GRAPHICAL; USER; INTERFACE; ENVIRONMENT; FORMATION; COMPUTER; DISPLAY; ASSEMBLE; OBJECT; COLLECT; STORAGE; DESIGN; SOFTWARE; COMPONENT; CORRESPOND; PREDETERMINED; NUMBER; OBJECT; ONE; OBJECT; EDIT; SCREEN

Derwent Class: P85; T01

International Patent Class (Main): G06F-009/06 ; G06F-009/46 ; G09G-005/00

International Patent Class (Additional): G06F-003/00 ; G06T-011/80

File Segment: EPI; EngPI

11/5/25 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012130219 **Image available**

WPI Acc No: 1998-547131/199847

XRFX Acc No: N98-426361

Similar object search method - involves calculating index required for data search in multidimensional vector space, based on which objects similar to reference object are searched

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| JP 10240765 | A | 19980911 | JP 9747579 | A | 19970303 | 199847 B |

Priority Applications (No Type Date): JP 9747579 A 19970303

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-------------|------|-----|----|-------------|--------------|
| JP 10240765 | A | | 7 | G06F-017/30 | |

Abstract (Basic): JP 10240765 A

The method involves extracting objects having a high order of similarity corresponding to a reference object specified by the user, from among many stored objects. The characteristics of the stored objects are determined. The index required for data search in the multidimensional vector space for each characteristic, is calculated.

An user inputs a reference **object** and **designates** the **number** of similar **objects** , to determine the variation in the characteristics. The specific number of objects which are almost similar to the reference object, are searched by a search unit (15) using the calculated index. A coordinator (16) collects the similar objects to obtain a candidate object group.

USE - For searching and displaying image, audio, music, text.

ADVANTAGE - Reduces labour involved in search process.

Dwg.1/2

Title Terms: SIMILAR; OBJECT; SEARCH; METHOD; CALCULATE; INDEX; REQUIRE;
DATA; SEARCH; MULTIDIMENSIONAL; VECTOR; SPACE; BASED; OBJECT; SIMILAR;
REFERENCE; OBJECT; SEARCH
Derwent Class: T01
International Patent Class (Main): G06F-017/30
File Segment: EPI

11/5/26 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012084274 **Image available**

WPI Acc No: 1998-501185/199843

XRFX Acc No: N98-391748

Computer based goods supply and delivery management method in automatic warehouse - involves calculating total number of goods stored in storage field in and out of storage area based on number of storage fields corresponding to all identification symbols provided for boxes

Patent Assignee: AISIN SEIKI KK (AISE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| JP 10218317 | A | 19980818 | JP 9727566 | A | 19970212 | 199843 B |

Priority Applications (No Type Date): JP 9727566 A 19970212

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-------------|------|-----|----|--------------|--------------|
| JP 10218317 | A | | 9 | B65G-001/137 | |

Abstract (Basic): JP 10218317 A

The method involves providing an identification symbol for each box that accommodates goods. A memory stores data of individual goods stored in the box in the storage area and data of individual goods stored in box that exists outside the storage area. When the box is entered into the storage area, the number of storage field of that box is set corresponding to the identification symbol of that box. Then, the number of storage field of the entering box is set to zero corresponding to the identification symbol of that box. When the box is leaving from the storage area, the number of goods in the box is subtracted from the **number of goods** stored in the storage area **corresponding** to the identification **symbol** provided for that box.

Thereby the number of storage field for the leaving box is set to zero corresponding to its identification symbol. Based on number of storage field within the storage area corresponding to all identification symbols and number of storage field outside the storage area, the total number of goods in the storage field in the storage area and outside the storage area are calculated.

USE - For use during supply and delivery of goods between production line of factory and automatic warehouse.

ADVANTAGE - Simplifies goods delivery and supply maintenance. Facilitates to detect fault goods with high accuracy.

Dwg.4/5

Title Terms: COMPUTER; BASED; GOODS; SUPPLY; DELIVER; MANAGEMENT; METHOD; AUTOMATIC; WAREHOUSE; CALCULATE; TOTAL; NUMBER; GOODS; STORAGE; STORAGE; FIELD; STORAGE; AREA; BASED; NUMBER; STORAGE; FIELD; CORRESPOND; IDENTIFY ; SYMBOL; BOX

Derwent Class: Q35; T01

International Patent Class (Main): B65G-001/137

International Patent Class (Additional): G06F-019/00

File Segment: EPI; EngPI

11/5/28 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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*011669559 **Image available**
WPI Acc No: 1998-086468/199808
Related WPI Acc No: 1996-277257
XRPX Acc No: N98-068738

Several displayed objects managing in graphic user interface - altering display of displayable object associated with selected graphic selection in response to selection of one of second number of graphic selections

Patent Assignee: INT BUSINESS MACHINES CORP (IBM)

Inventor: BLADES J A

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| US 5706448 | A | 19980106 | US 92992891 | A | 19921218 | 199808 B |
| | | | US 94366278 | A | 19941229 | |

Priority Applications (No Type Date): US 94366278 A 19941229; US 92992891 A 19921218

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|-------------|--|
| US 5706448 | A | 35 | G06F-017/00 | CIP of application US 92992891 CIP of patent US 5524196 |

Abstract (Basic): US 5706448 A

The method involves displaying a first number of graphic selections (402,416) arranged in a circular formation, each of the first number of **graphic** selections is **associated** with one of the **number** of displayable **objects** . A rotatable pointer is displayed within the circular formation, The rotatable pointer (406) has a movable control element (412) located within it displaying a second number of graphic selections arranged in a circular formation in response to a selection of a graphic selection from the first number of graphic selections.

The method further entails altering a display of a displayable object associated with the selected graphic selection in response to a selection of one of the second number of graphic selections utilising the rotatable pointer and the movable control element. The rotatable pointer and the movable control element are manipulated by a user controlled pointer.

ADVANTAGE - Minimises amount of user input required to manipulate displayed data collection.

Dwg.4a/13

Title Terms: DISPLAY; OBJECT; MANAGE; GRAPHIC; USER; INTERFACE; ALTER; DISPLAY; DISPLAY; OBJECT; ASSOCIATE; SELECT; GRAPHIC; SELECT; RESPOND; SELECT; ONE; SECOND; NUMBER; GRAPHIC; SELECT

Derwent Class: T01

International Patent Class (Main): G06F-017/00

File Segment: EPI

11/5/30 (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

011591176 **Image available**
WPI Acc No: 1998-008305/199801
Related WPI Acc No: 1999-276776
XRPX Acc No: N98-006602

Navigation method for navigating within graphical user interface of computer system having central processing unit - involves utilising different navigation levels each of which is based on physical real-world metaphor

Patent Assignee: GEN MAGIC (GEMA-N)

Inventor: ATKINSON W D; HERTZFELD A J; LYNCH K M

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| US 5689669 | A | 19971118 | US 94235603 | A | 19940429 | 199801 B |

Priority Applications (No Type Date): US 94235603 A 19940429

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 5689669 A 68 G06F-003/00

Abstract (Basic): US 5689669 A

The method involves displaying on the display device, when a first navigation level is accessed, a first level object, of a number of objects, using a functional metaphor representing the function of the object, and displaying on the display device, when a second level is accessed, a second level object, of a number of objects, using a physical metaphor of a room. The room includes physical metaphors for the number of first level objects, and the room provides a super-view for the number of first level objects. A first level object is accessed from the second navigation level by actuating the physical metaphor of the first level object. The second navigation level is accessed from the first navigation level by stepping back from the first navigation level.

The method also involves displaying on the display device, when a third navigation level is accessed, a third level object, of a number of objects, using a physical metaphor of a hall way of a building. The physical metaphor of the hall way includes a metaphor for an entrance representing a room of the second navigation level. The room of the second navigation level is accessed from the third navigation level by actuating the entrance, and the third navigation level is accessed from the second navigation level by stepping back from the second navigation level.

USE - Graphical user interface navigation system for intuitively navigating within personal computer system.

ADVANTAGE - Enables user to navigate successfully among functions within extensible range of functionality. New items can be incorporated within computer system while maintaining consistency of navigation system and its intuitive character.

Dwg. 4E/33

Title Terms: NAVIGATION; METHOD; NAVIGATION; GRAPHICAL; USER; INTERFACE; COMPUTER; SYSTEM; CENTRAL; PROCESS; UNIT; UTILISE; NAVIGATION; LEVEL; BASED; PHYSICAL; REAL; WORLD

Derwent Class: T01

International Patent Class (Main): G06F-003/00

File Segment: EPI

11/5/37 (Item 24 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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010937050 **Image available**

WPI Acc No: 1996-434000/199643

XRPX Acc No: N96-365611

Visual representation method for semantic relationship between number of classes and documents - training classifier by semantically analysing initial group of manually classified documents, and positioning classes in two dimensional space in response to semantic association

Patent Assignee: BARTELL B (BART-I); CLARKE R (CLAR-I); GENENCOR INT INC (GEMV); UNIV CALIFORNIA (REGC)

Inventor: BARTELL B; CLARKE R; BOSTON M G; CLARKSON K A; COLLIER K D;

GRAYCAR T P; HARTZELL M M; HSIEH Y; LARENAS E A

Number of Countries: 070 Number of Patents: 004

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| WO 9628787 | A1 | 19960919 | WO 96US3411 | A | 19960312 | 199643 B |
| AU 9652511 | A | 19961002 | AU 9652511 | A | 19960312 | 199703 |
| US 5625767 | A | 19970429 | US 95402839 | A | 19950313 | 199723 |
| US 6436696 | B1 | 20020820 | US 96611829 | A | 19960306 | 200257 N |
| | | | US 98952617 | A | 19980316 | |
| | | | US 99472660 | A | 19991227 | |

Priority Applications (No Type Date): US 95402839 A 19950313; US 99472660 A 19991227

Cited Patents: 4.Jnl.Ref

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9628787 A1 E 32 G06F-017/30

Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE
DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE
LS LU MC MW NL OA PT SD SE SZ UG

AU 9652511 A G06F-017/30 Based on patent WO 9628787

US 5625767 A 17 G06T-011/00

US 6436696 B1 C12S-011/00 CIP of application US 96611829

Div ex application US 98952617

Div ex patent US 6066494

Abstract (Basic): WO 9628787 A

The method for two dimensional visualisation of the semantic relationship between classes and documents involves generating a semantic space map in response to the documents, which represents the position in a number of dimensions of each class relative to every other class.

The semantic space map is populated in response to the documents, in order to represent the position in a number of dimensions, of each class relative to every other class and of each document relative to each class. A visual representation of at least part of the populated semantic space map is displayed.

USE - Aiding users in visualising relationship of retrieved text documents and topics to which they relate.

Dwg.12/12

Title Terms: VISUAL; REPRESENT; METHOD; RELATED; NUMBER; CLASS; DOCUMENT;
TRAINING; CLASSIFY; ANALYSE; INITIAL; GROUP; MANUAL; CLASSIFY; DOCUMENT;
POSITION; CLASS; TWO; DIMENSION; SPACE; RESPOND; ASSOCIATE

Derwent Class: T01

International Patent Class (Main): C12S-011/00; **G06F-017/30** ; G06T-011/00

International Patent Class (Additional): C09B-067/00

File Segment: EPI

10/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014272802 **Image available**
WPI Acc No: 2002-093504/200213
XRPX Acc No: N02-069048

Environmental product impact assessment management involves designating assessment object goods based on related table data of product which is produced from product number database

Patent Assignee: FUJITSU TEN LTD (FUTE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|---------------|------|----------|----------|
| JP 2001310179 | A | 20011106 | JP 2000134321 | A | 20000428 | 200213 B |

Priority Applications (No Type Date): JP 2000134321 A 20000428

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---------------|------|-----|----|-------------|--------------|
| JP 2001310179 | A | | 8 | B09B-005/00 | |

Abstract (Basic): JP 2001310179 A

NOVELTY - The method involves inputting attribute data for every product number of a product to produce a product number **database**. A related table data for the product is produced from the product **number database**. Assessment **object goods** are then **designated** based on the related table data of the product.

USE - For product assessment management.

ADVANTAGE - Ensures correct, efficient and automatic assessment and classification of products and goods. Ensures quick assessment operation and easy access of assessed goods list. Immediately determines if certain products contain toxic substances which can be harmful to the environment.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart of the environmental product impact assessment management. Drawing includes non-English language text.

pp; 8 DwgNo 6/9

Title Terms: ENVIRONMENT; PRODUCT; IMPACT; ASSESS; MANAGEMENT; DESIGNATED; ASSESS; OBJECT; GOODS; BASED; RELATED; TABLE; DATA; PRODUCT; PRODUCE; PRODUCT; NUMBER; **DATABASE**

Derwent Class: P43; T01

International Patent Class (Main): B09B-005/00

International Patent Class (Additional): **G06F-017/60**

File Segment: EPI; EngPI

10/5/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013749894 **Image available**
WPI Acc No: 2001-234123/200124
XRPX Acc No: N01-167352

Viewing method of digitized representation of documents, involves displaying regulatory type document selected from list of documents which is generated with database query

Patent Assignee: GENERAL ELECTRIC CO (GENE)
Inventor: FU A; LEUNG E W C

Number of Countries: 001 Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| US 6167394 | A | 20001226 | US 9875727 | A | 19980511 | 200124 B |

Priority Applications (No Type Date): US 9875727 A 19980511

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|----|-------------|--------------|
| US 6167394 | A | | 8 | G06F-017/30 | |

Abstract (Basic): US 6167394

NOVELTY - A number of digitized representations of regulatory-type documents are provided and stored in a **database**. A graphical interface is provided. A **database** query is formed and utilized to generate and display a list of documents. A selected regulatory document in the list is displayed.

DETAILED DESCRIPTION - The regulatory-type documents which include data concerning hazardous substances stored in one or more locations of a business establishment. The documents are **associated** with the **number** of second level **images** of the **graphical** interface which contains a first level image and a number of second level images. At least one of the second level images corresponds to a specific location of the business establishment. A **database** query is formed by selecting the first level image and one of the second level images. Path information formed by the **database** query is optimized. The list containing the regulatory documents corresponding to the specific location of the business establishment is displayed using the **database** query.

USE - Used in computer based document management systems.

ADVANTAGE - Utilizes a geographic interface and allows any interested party to view individually selected location specific documents, such as material safety data sheet (MSDS) records stored in a particular geographic location from any where in the world. Access to this information is via Internet, world wide web, an intranet or a local area network. The interface allows a user to remotely access site specific documents simple to use and eliminates the need of the users to be familiar with **database** commands and other computer based interfaces.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart illustrating the steps to be executed for a user to locate and display a record stored at a particular location.

pp; 8 DwgNo 6/7

Title Terms: VIEW; METHOD; REPRESENT; DOCUMENT; DISPLAY; REGULATE; TYPE;

DOCUMENT; SELECT; LIST; DOCUMENT; GENERATE; **DATABASE** ; QUERY

Derwent Class: T01

International Patent Class (Main): **G06F-017/30**

File Segment: EPI

10/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011776217 **Image available**

WPI Acc No: 1998-193127/199817

XRPX Acc No: N98-152904

Rapid multi-set membership determination for electronic warfare - involves organising data sets for objects within database according to ascending lower interval parameter boundary values

Patent Assignee: HUGHES ELECTRONICS (HUGA)

Inventor: GREENE L M

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| US 5727204 | A | 19980310 | US 95474422 | A | 19950607 | 199817 B |

Priority Applications (No Type Date): US 95474422 A 19950607

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|----|-------------|--------------|
| US 5727204 | A | | 14 | G06F-017/30 | |

Abstract (Basic): US 5727204 A

The set membership determination method involves organizing data sets for a large **number** of **objects**. Each data set **represents** an **object** identifier and a corresponding attribute characteristic having upper and lower parameter bound values as numerous interval sets. Each set includes lower and upper interval parameter boundary values. The interval sets are sorted according to ascending lower interval

parameter boundary value order.

Data is stored in a **database** representing a set of bins each representing a bin set of interval sets which share a bin parameter interval between upper and lower bin parameter bound values. The **database** is represented as digital data stored in a digital memory comprising a digital computer system, where data may be retrieved from the digital memory once per system clock cycle. Given an input characteristic value, it is determined which interval sets include the input value by performing a binary search of the bins.

ADVANTAGE - Provides rapid object identification based on measured characteristics.

Dwg.5/8

Title Terms: RAPID; MULTI; SET; MEMBER; DETERMINE; ELECTRONIC; WAR;
ORGANISE; DATA; SET; OBJECT; **DATABASE** ; ACCORD; ASCEND; LOWER; INTERVAL;
PARAMETER; BOUNDARY; VALUE

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

10/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010338710 **Image available**

WPI Acc No: 1995-240798/199531

Related WPI Acc No: 1996-341887; 1996-476646

XRPX Acc No: N95-187727

Acquisition method for user feedback during operation of computer environment - recording users feedback context within product or process in feedback record, displaying multiple attribute indicia for user to select identification of recorded feedback and recording feedback record

Patent Assignee: DIACOM TECHNOLOGIES INC (DIAC-N)

Inventor: BOULTON D A; STALLINGS J P; VUCENIC W

Number of Countries: 057 Number of Patents: 003

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|--------------|------|----------|----------|
| WO 9517711 | A1 | 19950629 | WO 94US14899 | A | 19941222 | 199531 B |
| AU 9515547 | A | 19950710 | AU 9515547 | A | 19941222 | 199543 |
| EP 736203 | A1 | 19961009 | WO 94US14899 | A | 19941222 | 199645 |
| | | | EP 95907256 | A | 19941222 | |

Priority Applications (No Type Date): US 93173962 A 19931223

Cited Patents: US 4845665; US 5047977; US 5086393; US 5175814; US 5202828;
US 5237678

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9517711 A1 E 106 G06F-003/00

Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK ES
FI GB GE HU JP KE KG KP KR KZ LK LT LU LV MD MG MN MW NL NO NZ PL PT RO
RU SD SE SI SK TJ TT UA US UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC
MW NL OA PT SD SE SZ

AU 9515547 A Based on patent WO 9517711

EP 736203 A1 E 106 G06F-003/00 Based on patent WO 9517711

Designated States (Regional): DE DK ES FR GB IT NL SE

Abstract (Basic): WO 9517711 A

The method involves acquiring user feedback from a user by activation of an enter feedback mode in a computer environment to provide feedback in an interface (42). The user's context within a product, process, service or issue to which the feedback refers is recorded in a feedback record. The feedback interface (42) displays attribute icons the user may select to identify the nature of the feedback. Selected attributes, the time at which the feedback made, the physical location and identity and user comments are recorded.

A visualised (46) organises and presents the feedback, collected and stored in a **database** (44), identifying reviewer preferences,

including feedback attributes as required. The feedback records are filtered in accordance with the preferences to create a combined set including records having the preferred attributes, and a **graphical indication** of the **number** of **records** is displayed. The reviewer can change visualisation preferences and the feedback records are refiltered, or a specific record selected to display its message content and respond to the feedback.

USE/ADVANTAGE - Acquiring user feedback from user during operation of computer environment having enter feedback mode command that user activates to provide feedback. Collects feedback from users and presents feedback to reviewers in forms capable of promoting improvement in systems incorporating feedback roles.

Dwg.2/35

Title Terms: ACQUIRE; METHOD; USER; FEEDBACK; OPERATE; COMPUTER; ENVIRONMENT; RECORD; USER; FEEDBACK; CONTEXT; PRODUCT; PROCESS; FEEDBACK; RECORD; DISPLAY; MULTIPLE; ATTRIBUTE; INDICIA; USER; SELECT; IDENTIFY; RECORD; FEEDBACK; RECORD; FEEDBACK; RECORD

Derwent Class: T01; T04

International Patent Class (Main): G06F-003/00

International Patent Class (Additional): G06F-017/30 ; G06F-017/40

File Segment: EPI

10/5/8 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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009983131 **Image available**
WPI Acc No: 1994-250842/199431
XRPX Acc No: N94-198236

Distributed data processing network management system - monitors status of managed objects, defines composite managed objects and sets status by aggregating status of all group members

Patent Assignee: INT COMPUTERS LTD (INCM)

Inventor: GLYNN K; JENKINS G I; VAN WEENEN M J D L; DE LEEUW VAN WEENEN M J

Number of Countries: 007 Number of Patents: 008

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| EP 609990 | A2 | 19940810 | EP 94300318 | A | 19940117 | 199431 B |
| AU 9454904 | A | 19940811 | AU 9454904 | A | 19940203 | 199435 |
| ZA 9400449 | A | 19941130 | ZA 94449 | A | 19940121 | 199502 |
| EP 609990 | A3 | 19941117 | EP 94300318 | A | 19940117 | 199536 |
| US 5511191 | A | 19960423 | US 94189042 | A | 19940131 | 199622 |
| | | | US 95447835 | A | 19950523 | |
| AU 668791 | B | 19960516 | AU 9454904 | A | 19940203 | 199627 |
| EP 609990 | B1 | 19980520 | EP 94300318 | A | 19940117 | 199824 |
| DE 69410304 | E | 19980625 | DE 610304 | A | 19940117 | 199831 |
| | | | EP 94300318 | A | 19940117 | |

Priority Applications (No Type Date): GB 932225 A 19930205

Cited Patents: No-SR.Pub; 1.Jnl.Ref; EP 259224; EP 474059; WO 9205485

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

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|-----------|----|---|---|-------------|--|
| EP 609990 | A2 | E | 8 | G06F-011/30 | |
|-----------|----|---|---|-------------|--|

Designated States (Regional): DE FR GB IT

| | | | | |
|------------|---|----|-------------|--|
| ZA 9400449 | A | 14 | G06F-000/00 | |
|------------|---|----|-------------|--|

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|------------|---|---|-------------|---------------------------------|
| US 5511191 | A | 6 | G06F-011/32 | Cont of application US 94189042 |
|------------|---|---|-------------|---------------------------------|

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|-----------|---|--|-------------|----------------------------------|
| AU 668791 | B | | G06F-011/30 | Previous Publ. patent AU 9454904 |
|-----------|---|--|-------------|----------------------------------|

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|-----------|----|---|-------------|--|
| EP 609990 | B1 | E | G06F-011/30 | |
|-----------|----|---|-------------|--|

Designated States (Regional): DE FR GB IT

| | | | | |
|-------------|---|--|-------------|---------------------------|
| DE 69410304 | E | | G06F-011/30 | Based on patent EP 609990 |
|-------------|---|--|-------------|---------------------------|

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|------------|---|--|-------------|--|
| AU 9454904 | A | | G06F-011/30 | |
|------------|---|--|-------------|--|

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|-----------|----|--|-------------|--|
| EP 609990 | A3 | | G06F-011/30 | |
|-----------|----|--|-------------|--|

Abstract (Basic): EP 609990 A

The system includes data processing elements, file system, communications facility and power supply which are combined to form a composite host computer. **Database** installations are formed by

combining **database** services and **databases** . Together the computer and **database** installations form a **database** server.

When the system is started up a status collection function (21) polls all the managed objects (20) identified in a configuration file (23), recording their status values in a **database** . The **database** is updated whenever an object changes its status. The **database** also holds status values for composite managed objects. A status aggregation function (24) calculates and maintains their status values according to a set of aggregation rules held in a rules **database** (25). A status monitoring and display function (26) accesses the status **database** under operator control.

USE/ADVANTAGE - For distributed data processing networks with several individual end systems. Simplifies operator's view of system. Simplifies system management task.

Dwg.2/3

Title Terms: DISTRIBUTE; DATA; PROCESS; NETWORK; MANAGEMENT; SYSTEM; MONITOR; STATUS; OBJECT; DEFINE; COMPOSITE; OBJECT; SET; STATUS; AGGREGATE; STATUS; GROUP; MEMBER

Derwent Class: T01

International Patent Class (Main): G06F-000/00 ; G06F-011/30 ; G06F-011/32

File Segment: EPI

10/5/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009460710 **Image available**

WPI Acc No: 1993-154237/199319

XPX Acc No: N93-117982

Graphical data base query system - includes selector for set of displayed parameters in order to define required query

Patent Assignee: INT BUSINESS MACHINES CORP (IBM)

Inventor: BANNING K R; JAMES W S; LI S

Number of Countries: 004 Number of Patents: 003

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| EP 541298 | A2 | 19930512 | EP 92309943 | A | 19921029 | 199319 B |
| EP 541298 | A3 | 19931215 | EP 92309943 | A | 19921029 | 199514 |
| US 5421008 | A | 19950530 | US 91789507 | A | 19911108 | 199527 |

Priority Applications (No Type Date): US 91789507 A 19911108

Cited Patents: No-SR.Pub; 4.Jnl.Ref; EP 120185

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

| | | | | | |
|-----------|----|---|----|--------------|--|
| EP 541298 | A2 | E | 42 | G06F-015/403 | |
|-----------|----|---|----|--------------|--|

Designated States (Regional): DE FR GB

| | | | | |
|------------|---|----|-------------|--|
| US 5421008 | A | 40 | G06F-015/40 | |
|------------|---|----|-------------|--|

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|-----------|----|--|--------------|--|
| EP 541298 | A3 | | G06F-015/403 | |
|-----------|----|--|--------------|--|

Abstract (Basic): EP 541298 A

The apparatus for directing queries to a **database** containing information in order to access selected information comprises a display (38) for displaying in graphical form a number of parameters relating to queries (51 to 57). A selection unit (26) selects a set of the displayed parameters in order to define a required query and an operating unit is responsive to the selection of the parameters for performing the required query.

A number of parameters relating to the query are displayed graphically. A set of parameters are selected in order to define the query. The method includes defining relationships between the selected parameters and defining logical relationships between them also.

USE - Graphical **database** for structured query language (SQL) **database** systems.

Dwg.2/21

Title Terms: GRAPHICAL; DATA; BASE; QUERY; SYSTEM; SELECT; SET; DISPLAY; PARAMETER; ORDER; DEFINE; REQUIRE; QUERY

Derwent Class: T01
International Patent Class (Main): G06F-015/40 ; G06F-015/403
File Segment: EPI

10/5/11 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

008463382 **Image available**
WPI Acc No: 1990-350382/199047
XRPX Acc No: N90-267642

User interface tool - presents items for selection, by user, of data
processing system for execution of the selected items

Patent Assignee: IBM CORP (IBM) ; INT BUSINESS MACHINES CORP (IBM)

Inventor: FABBIO R A; LEONARD A G; SCHNEIKER C W

Number of Countries: 012 Number of Patents: 004

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| EP 398646 | A | 19901122 | EP 90305219 | A | 19900515 | 199047 B |
| CA 2016225 | A | 19901115 | | | | 199106 |
| EP 398646 | A3 | 19930113 | EP 90305219 | A | 19900515 | 199346 |
| KR 9402343 | B1 | 19940323 | KR 906823 | A | 19900514 | 199601 |

Priority Applications (No Type Date): US 89352530 A 19890515

Cited Patents: NoSR.Pub; 1.Jnl.Ref; EP 243671; EP 264199

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

| | | | | | |
|-----------|---|--|--|--|--|
| EP 398646 | A | | | | |
|-----------|---|--|--|--|--|

Designated States (Regional): BE CH DE ES FR GB IT LI NL SE

| | | | | | |
|------------|----|--|--|-------------|--|
| KR 9402343 | B1 | | | G06F-015/21 | |
|------------|----|--|--|-------------|--|

Abstract (Basic): EP 398646 A

The software tool **represents** a **number** of interface **objects** in an **object database** . It has a device for dynamically associating difference objects into logical frame presentations based on the data within each of the different interface objects.\$ The objects can be added or deleted independent of each other, allowing greater extendability and customisation of the interface. The message facilities of the system are utilised by the tool to present the elements of the interface in multiple languages.\$ USE - Managing system resources of data processing system by user. (36pp Dwg.No.1B/6)

Title Terms: USER; INTERFACE; TOOL; PRESENT; ITEM; SELECT; USER; DATA; PROCESS; SYSTEM; EXECUTE; SELECT; ITEM

Derwent Class: T01

International Patent Class (Main): G06F-015/21

International Patent Class (Additional): G06F-003/02 ; G06F-009/00 ;

G06F-015/40

File Segment: EPI

13/5/1 (Item 1 from file 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

05379534 **Image available**
RETRIEVING DEVICE FOR PHOTOGRAPHIC IMAGE, AND DISPLAY METHOD FOR FILED
STATE

PUB. NO.: 08-335034 [JP 8335034 A]
PUBLISHED: December 17, 1996 (19961217)
INVENTOR(s): SUMI KENJI
KAWAI MASATADA
MOCHIZUKI YOSHINORI
APPLICANT(s): KONICA CORP [000127] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 07-141996 [JP 95141996]
FILED: June 08, 1995 (19950608)
INTL CLASS: [6] G09B-029/00; G03B-017/24; G01S-005/14
JAPIO CLASS: 30.2 (MISCELLANEOUS GOODS -- Sports & Recreation); 29.1
(PRECISION INSTRUMENTS -- Photography & Cinematography); 44.9
(COMMUNICATION -- Other)
JAPIO KEYWORD: R098 (ELECTRONIC MATERIALS -- Charge Transfer Elements, CCD &
BBD); R116 (ELECTRONIC MATERIALS -- Light Emitting Diodes,
LED)

ABSTRACT

PURPOSE: To provide a retrieving device for photographic image and a
display method for filed state in which, what degree of the number of
images has been stored within a certain positional range, or in which unit
and what degree of the number of images has been stored, and on what day
they have been stored, can be quickly recognized.

CONSTITUTION: This device is formed out of memory means 31, 32, 33 for
dividing and storing the image information into an image part, a character
part, and a key word extracted from the character part, a map data base 40
for storing the map information, and a display means 22 for displaying the
stored information and/or the edited information. It also has a control
part 20 for taking the correspondence with the map data base 40, when the
position information is inputted as key word from an operation part 21, on
basis of the position information corresponding to the key word, displaying
an icon to a predetermined area when the map is displayed on a display
means 22 in a certain scale, retrieving the **number** of **images**
photographed within the area **corresponding** to the **icon** from the memory
means 31, 32, 33 on the displayed map, and displaying the number of images
in conformation to the icon position.

13/5/3 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012900831 **Image available**
WPI Acc No: 2000-072667/200006
XRPX Acc No: N00-056834

Data collection and analysis automation system

Patent Assignee: WISDOMBUILDER LLC (WISD-N)
Inventor: KISIEL K W
Number of Countries: 086 Number of Patents: 004
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|---------------|------|----------|----------|
| WO 9961968 | A2 | 19991202 | WO 99US11643 | A | 19990527 | 200006 B |
| AU 9942086 | A | 19991213 | AU 9942086 | A | 19990527 | 200020 |
| US 6327586 | B1 | 20011204 | US 9885055 | A | 19980527 | 200203 |
| US 20020065856 | A1 | 20020530 | US 9885055 | A | 19980527 | 200240 |
| | | | US 2001953402 | A | 20010917 | |

Priority Applications (No Type Date): US 9885055 A 19980527; US 2001953402
A 20010917
Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9961968 A2 E 67 G06F-000/00

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9942086 A G06F-000/00 Based on patent WO 9961968

US 6327586 B1 G06F-017/30

US 20020065856 A1 G06F-017/30 Cont of application US 9885055

Abstract (Basic): WO 9961968 A2

NOVELTY - A document automatically associated with written comments of user and searched for one or more items of interest, is stored along with the items of interest. A visual representation including document icon representing the document and category **icons** which are numerical **representation** depicting the **number** of **items** of interest within each category, is displayed.

DETAILED DESCRIPTION - The documents and related information are stored, and several documents which are compiled are displayed to user. A personal dictionary including aliases for one or more of items of interest, which are used during searching of the document, is created. INDEPENDENT CLAIMS are also included for the following:

(a) method for automating management and analysis of data;

(b) computer program product

USE - For automating data collection and analysis.

ADVANTAGE - Increases research efficiency by providing automated data analysis that allows analysts to spend more time on data analysis and less time on data management. Allows users not only to extract patterns from data but also to visualize the data so that new patterns and relationships can be easily recorded. Allows user to quickly and efficiently determine the relevancy of documents based on the occurrence of the items of interest.

DESCRIPTION OF DRAWING(S) - The figure shows overview of analysis process.

pp; 67 DwgNo 1/42

Title Terms: DATA; COLLECT; ANALYSE; AUTOMATIC; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-000/00; G06F-017/30

File Segment: EPI

13/5/4 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012869264 **Image available**

WPI Acc No: 2000-041097/200004

XRPX Acc No: N00-031192

Input data display apparatus for displaying data with icon representing data content

Patent Assignee: CASIO COMPUTER CO LTD (CASK)

Inventor: MATSUO S; TAKASU A

Number of Countries: 027 Number of Patents: 003

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| EP 962870 | A2 | 19991208 | EP 99110594 | A | 19990601 | 200004 B |
| JP 11353318 | A | 19991224 | JP 98157657 | A | 19980605 | 200011 |
| US 6441836 | B1 | 20020827 | US 99324187 | A | 19990602 | 200259 |

Priority Applications (No Type Date): JP 98157657 A 19980605

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 962870 A2 E 23 G06F-015/02

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

JP 11353318 A 15 G06F-017/30

Abstract (Basic): EP 962870 A2

NOVELTY - A match between input data and a keyword stored in an icon data storage unit is detected. Icon data stored in the icon storage unit corresponding to a keyword detected to match the input data, is added to the input data and displayed.

DETAILED DESCRIPTION - A number of icon data elements and keywords respectively corresponding to the icon data elements are stored in an icon data storage unit. Matching between the data input by the data input unit, and a keyword stored in the icon data storage unit is detected. Icon data stored in the icon data storage unit, corresponding to a keyword which is detected to match the data input by the data input section, is added to the input data, and the obtained data is displayed. INDEPENDENT CLAIMS are included for a display control method for displaying input data with an icon representing the contents of the data; a recording medium storing a computer-readable display control program for displaying input data together with an icon representing data content.

USE - Displaying input data with an icon representing the contents of the data.

ADVANTAGE - An icon appropriate to data contents can be automatically added to the data, such that data can be displayed to allow the user to recognize the contents at a glance.

DESCRIPTION OF DRAWING(S) - The drawing shows a data communications system constructed by combining a watch with a display according to the invention.

Watch apparatus (1)
Display section (2)
Transceiver section (3)
Loudspeaker (4)
Mode switching keys (5a-5d)
Computer (6)
pp; 23 DwgNo 1/14

Title Terms: INPUT; DATA; DISPLAY; APPARATUS; DISPLAY; DATA; REPRESENT;
DATA; CONTENT

Derwent Class: T01

International Patent Class (Main): G06F-003/00; G06F-015/02; G06F-017/30

International Patent Class (Additional): G06F-017/60

File Segment: EPI

File 348:EUROPEAN PATENTS 1978-2003/Jun W04

(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030626,UT=20030619

(c) 2003 WIPO/Univentio

| Set | Items | Description |
|-----|--------|--|
| S1 | 5746 | (NUMBER OR AMOUNT OR HOW()MANY) (3W) (PHOTOS OR PHOTOGRAPHS - OR IMAGES OR PICTURES) |
| S2 | 9206 | (NUMBER OR AMOUNT OR HOW()MANY) (3W) (SONGS OR COMPOSITIONS - OR TRACKS OR VIDEOS OR FILMS OR MOVIES) |
| S3 | 48562 | (NUMBER OR AMOUNT OR HOW()MANY) (3W) (OBJECTS OR RECORDS OR - ITEMS OR ELEMENTS OR FILES OR DOCUMENTS OR PRODUCTS OR GOODS - OR MERCHANDISE) |
| S4 | 10585 | S1:S3(5N) (REPRESENT? OR RELAT??? OR SYMBOLIZ? OR SYMBOLIS? OR SIGNIFY OR SIGNIFIE? ? OR EXPRESS??? OR CORRESPOND? OR ASS- OCIAT? OR CORRELAT? OR INDICAT? OR SHOW??? OR DESIGNAT? OR DE- NOT??? OR ILLUSTRAT? OR PROPORTIONAL) |
| S5 | 756917 | SYMBOL? ? OR ICON? ? OR OBJECT OR VISUAL? ? OR GRAPHIC?? OR INDICIA? ? OR CIRCLE? ? OR OVAL? ? |
| S6 | 125537 | DATABASE? ? OR DATA()BASE? ? OR REPOSITOR??? |
| S7 | 498 | S4(5N)S5 |
| S8 | 238 | S7 AND IC=G06F |
| S9 | 45 | S8/TI,AB,CM |
| S10 | 193 | S8 NOT S9 |
| S11 | 77 | S10 AND IC=G06F-017 |
| S12 | 116 | S10 NOT S11 |
| S13 | 25 | S4(5N)S5(5N)SIZE |
| S14 | 19 | S13 AND IC=G06F |
| S15 | 12 | S14 NOT (S9 OR S11) |
| S16 | 104 | S12 NOT S15 |
| S17 | 35 | S7(S)S6 AND IC=G06F |
| S18 | 15 | S17 NOT (S9 OR S11 OR S15) |
| S19 | 89 | S16 NOT S18 |
| S20 | 91 | S4(5N)SIZE AND IC=G06F |
| S21 | 75 | S20 NOT S8 |

9/5,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01277923

Displaying graphical objects
Darstellung von graphischen Objekten
Affichage des objets graphiques

PATENT ASSIGNEE:

CANAL+ Societe Anonyme, (1452151), 85/89 Quai Andre Citroen, 75711 Paris
Cedex 15, (FR), (Applicant designated States: all)

INVENTOR:

Jouet, Bruno c/o Canal+ Techn. Societe Anonyme, 34 Place Raoul Dautry,
75516 Paris Cedex 15, (FR)

Villiers, Jean-Stephane, 16, passage des Ballades, 95800 Cergy, (FR)

LEGAL REPRESENTATIVE:

Cozens, Paul Dennis et al (72971), Mathys & Squire 100 Grays Inn Road,
London WC1X 8AL, (GB)

PATENT (CC, No, Kind, Date): EP 1098246 A1 010509 (Basic)

APPLICATION (CC, No, Date): EP 99402721 991102;

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-009/44

ABSTRACT EP 1098246 A1

An object, such as a widget, in a graphical user interface comprises an instance of a widget class in which is defined properties and/or methods which control operation of the object; and an associated instance of a look object class in which is defined properties and/or methods which control the look of the object. Responsibility for displaying the widget is given to methods of the look object class. Therefore, the appearance of the widget is determined by the look object class. Object-oriented programming techniques can be used to provide a plurality of look object classes derived from a common base class.

ABSTRACT WORD COUNT: 102

NOTE:

Figure number on first page: 6

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010509 A1 Published application with search report

Withdrawal: 020911 A1 Date application deemed withdrawn: 20011110

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 200119 | 560 |
| SPEC A | (English) | 200119 | 7684 |
| Total word count - document A | | | 8244 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 8244 |

...CLAIMS interface, comprising associating the look object with the plurality of graphical objects.

11. A method according to any of the preceding claims wherein the look object includes a counter which indicates the number of graphical objects which are associated with that look object .
12. A method of defining a graphical object in a graphical user interface comprising:
providing a look object which controls the appearance of the graphical
...

9/5,K/2 (Item 2 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01216108

**FILE MANAGING DEVICE AND ITS METHOD, AND DATA RECORDING/REPRODUCING DEVICE
AND ITS METHOD**

VORRICHTUNG UND VERFAHREN ZUR DATEIVERWALTUNG, DATENAUFZEICHNUNG UND -
WIEDERGABE

GESTION DE FICHIERS, ENREGISTREMENT/REPRODUCTION DE DONNEES ET DISPOSITIFS
A CET EFFET

PATENT ASSIGNEE:

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001, (JP), (Applicant designated States: all)

INVENTOR:

HIROSE, Masaki, Sony Corporation, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001, (JP)

YOSHIKAWA, Jun, Sony Corporation, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001, (JP)

KATSUO, Satoshi, Sony Corporation, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001, (JP)

NAKAMURA, Shouji, Sony Corporation, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001, (JP)

LEGAL REPRESENTATIVE:

DeVile, Jonathan Mark et al (91151), D. Young & Co 21 New Fetter Lane,
London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1081596 A1 010307 (Basic)
WO 0058837 001005

APPLICATION (CC, No, Date): EP 911322 000323; WO 00JP1792 000323

PRIORITY (CC, No, Date): JP 9982970 990326

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-012/00; H04N-005/781

CITED REFERENCES (WO A):

JP 3127238 A

SAMUEL J. LEFFLER ET AL.: 'The design and implementation of the 4.3BSD
UNIX operating system' ADDISON-WESLEY PUBLISHING COMPANY, INC.,
November 1989, (READING, MASSACHUSETTS), pages 187 - 223

HIDETOSHI KAWAII.: 'OS/2 1.2Han no shin fiel system IFS kikou wo
riyoushite kou seinouna file system wo tsuika' NIKKEI BAITO, no. 68, 01
February 1990, (TOKYO), pages 231 - 240

YOSHIAKI KUSHIKI ET AL.: 'Human interface wo tsukasadoru BTRON shiyou no
jitsugen to hyouka' JOUHO SHORI, vol. 30, no. 5, 15 May 1989, (TOKYO),
pages 544 - 552;

ABSTRACT EP 1081596 A1

A recording medium is logically divided to form a cluster. Each cluster
records AV (Audio **Visual**) data. A reference number **indicates** the
number of files which reference AV data. A free space byte map having
the reference number is used for determining whether to enable or disable
deletion of AV data on a cluster basis. That is, a cluster having the
reference number 0 is released as a free area, thus facilitating
management of a file and realizing effective use of a recording medium.

ABSTRACT WORD COUNT: 85

NOTE:

Figure number on first page: 12

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 001129 A1 International application. (Art. 158(1))

Application: 001129 A1 International application entering European
phase

Application: 010307 A1 Published application with search report

Examination: 010307 A1 Date of request for examination: 20001123

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 200110 | 1802 |
| SPEC A | (English) | 200110 | 11659 |
| Total word count - document A | | | 13461 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 13461 |

...ABSTRACT A1

A recording medium is logically divided to form a cluster. Each cluster

records AV (Audio Visual) data. A reference number indicates the number of files which reference AV data. A free space byte map having the reference number is used for determining whether to enable or disable deletion of AV...

9/5,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01210965

Method and device for controlling the output-order of data or of temporarily stored objects

Methode und Einheit zur Befehlen von Ausgabe-Ordnung von Daten oder temporären gespeicherten Objekten

Procede et dispositif pour commander l'ordre de depart d'informations ou d'objets stockes temporairement

PATENT ASSIGNEE:

ALCATEL, (201871), 54, rue La Boetie, 75008 Paris, (FR), (Applicant designated States: all)

INVENTOR:

Henrion, Michel, Avenue Circulaire 144B, Boite 24, 1180 Bruxelles, (BE)

LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 1052573 A1 001115 (Basic)

APPLICATION (CC, No, Date): EP 400642 000309;

PRIORITY (CC, No, Date): FR 995927 990510

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-013/36; G06F-007/00

ABSTRACT EP 1052573 A1 (Translated)

Command system for ordering the output of data or objects stored in a temporary memory buffer such as used in a high speed data network where data is stored with a priority flag or indicator that can be selected by the cont

A collection of memory elements (34i))j) are arranged in a network (32) of C sub-assemblies, with C the number of elements stocked temporarily. Each sub-assembly corresponds to an object and all sub-assemblies have P elements corresponding to P time points. Each element has RAM receiving a temporal priority indicator. A means (38) is provided for determining the priority (least) time indicator.

TRANSLATED ABSTRACT WORD COUNT: 103

ABSTRACT EP 1052573 A1

L'invention est relative a un dispositif (30) pour determiner l'ordre de service d'informations ou d'objets stockes temporairement, au moins un indicateur de priorite etant attache a certains objets.

Ce dernier comprend un ensemble d'elements (34ij))) de memorisation dispose suivant un reseau (32) organise en C sous-ensembles d'elements, C etant le nombre d'objets stockes temporairement. Chacun de ces sous-ensembles correspond a un objet et tous les sous-ensembles comprennent le meme nombre P d'elements correspondant a P positions temporelles. Chaque element comprend une memoire vive recevant au moins un indicateur de priorite temporelle.

Le dispositif comprend aussi des moyens de selection de premiere position temporelle (38) pour determiner, dans le reseau, parmi tous les sous-ensembles, l'element (ou les elements) qui est marque par un indicateur de priorite temporelle determine et qui correspond a la position temporelle la plus petite.

ABSTRACT WORD COUNT: 138

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 001115 A1 Published application with search report

Examination: 010711 A1 Date of request for examination: 20010515
Examination: 030423 A1 Date of dispatch of the first examination
report: 20030306

LANGUAGE (Publication,Procedural,Application): French; French; French
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|----------|--------|------------|
| CLAIMS A | (French) | 200046 | 1965 |
| SPEC A | (French) | 200046 | 10822 |
| Total word count - document A | | | 12787 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 12787 |

...ABSTRACT be selected by the cont

A collection of memory elements (34i))j) are arranged in a network (32) of C sub-assemblies, with C the **number** of **elements** stocked temporarily. Each sub-assembly **corresponds** to an **object** and all sub-assemblies have P elements corresponding to P time points. Each element has RAM receiving a temporal priority indicator. A means (38) is ...

9/5,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00736973

Information retrieval system and method
Informationswiederauffindungssystem und Verfahren
Systeme de recouvrement d'informations et procede
PATENT ASSIGNEE:

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Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 694857 A1 960131 (Basic)

APPLICATION (CC, No, Date): EP 95305013 950719;

PRIORITY (CC, No, Date): JP 94176396 940728

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-017/30;

ABSTRACT EP 694857 A1

A search system is provided for allowing positive feedback indicating what portions of accumulated information correspond to the condition specified by a searcher. A plurality of views are provided 1404 which classify accumulated information by separate, fixed aspects and each display the number of components for each aspect. These views are linked with each other to change dynamically in response to the count of search results and view selection by the user during a search process. Further, a set of information reduced by the searcher reflects the feedback of information retrieved by applying previous views. This helps the searcher to estimate the effect of new reducing conditions. This feedback also allows the searcher to find out the consequences of reducing conditions which have not been planned first. This is especially useful for the searcher who has not enough expert knowledge about the field concerned to find out a desired subject using a keyword given without due consideration. (see image in original document)

ABSTRACT WORD COUNT: 184

LEGAL STATUS (Type, Pub Date, Kind, Text):

Withdrawal: 010725 A1 Date application deemed withdrawn: 20010201

Examination: 20000202 A1 Date of dispatch of the first examination

report: 19991217

Application: 960131 A1 Published application (Alwith Search Report
;A2without Search Report)

Examination: 960724 A1 Date of filing of request for examination:
960528

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | EPAB96 | 936 |
| SPEC A | (English) | EPAB96 | 10627 |
| Total word count - document A | | | 11563 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 11563 |

...CLAIMS is the number of documents related to said classification elements.

3. The method of claim 1 or 2, wherein said classification elements are represented by **icons** and said **indication** of the **number** of information **elements** comprises a numeral displayed in **association** with a respective classification element.
4. The method of any preceding claim, wherein said stored information is associated with place names, and said views include...

9/5,K/11 (Item 11 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00591453

Method and system for controlling the access to the objects in a hierarchical structured object oriented system.

Verfahren und System zur Steuerung des Zugriffs auf die Objekte in einem hierarchisch strukturierten objektorientierten System.

Methode et systeme pour commander l'accès aux objets dans un systeme hierarchique oriente objet.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,
Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

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Lettieri, Fabrizio (59683), IBM SEMEA S.p.A., Direzione Brevetti, MI SEG
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PATENT (CC, No, Kind, Date): EP 591709 A2 940413 (Basic)
EP 591709 A3 941019

APPLICATION (CC, No, Date): EP 93114659 930913;

PRIORITY (CC, No, Date): IT 92MI2214 920925

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-009/44; G06F-009/46;

ABSTRACT EP 591709 A2

A method and system for controlling the access to the objects in an object oriented data processing application, with said objects being hierarchically structured and either locally available or retrievable from an external unit.

A dependent object counter holds in each **object** the existence or the **number** of dependent **objects associated** to said **object**; if at least one dependent object is non-locally available, a dummy object is appended to said object, enabling the object expansion even if the dependent objects of the selected object are not yet locally available in memory.

When the user selects an object, the dummy object is replaced by one or more symbols indicating the non-locally availability of the dependent objects.

The objects to be retrieved from the external unit are locked, while access is allowed to the locally available dependent objects. (see image in original document)

ABSTRACT WORD COUNT: 143

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 940413 A2 Published application (Alwith Search Report
;A2without Search Report)
Change: 940831 A2 Representative (change)
Examination: 940914 A2 Date of filing of request for examination:
940718
Search Report: 941019 A3 Separate publication of the European or
International search report
Change: 941019 A2 Obligatory supplementary classification
(change)
Withdrawal: 960925 A2 Date on which the European patent application
was withdrawn: 960730

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | EPABF2 | 995 |
| SPEC A | (English) | EPABF2 | 2074 |
| Total word count - document A | | | 3069 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 3069 |

...ABSTRACT processing application, with said objects being hierarchically structured and either locally available or retrievable from an external unit.

A dependent object counter holds in each **object** the existence or the **number** of dependent **objects** **associated** to said **object** ; if at least one dependent object is non-locally available, a dummy object is appended to said object, enabling the object expansion even if the...

...CLAIMS controlling the access to objects in an object oriented data processing application according to any previous claim, further including the step of:

associating to each **object** a counter **indicating** the **number** of **objects** dependent on said **object** .

5. The method for controlling the access to objects in an object oriented data processing application according to Claim 4, further including the steps of...

...access to objects in an object oriented data processing application according to any claim from 6 to 8, further including:

means for associating to each **object** a counter **indicating** the **number** of **objects** dependent on said **object** .

10. The data processing system for controlling the access to objects in an

9/5,K/12 (Item 12 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00495571

Method of selecting and operating on objects in an interactive window system.

Verfahren zur Auswahl und Bewirkung einer Mehrzahl von Gegenstanden in einem interaktiven Fenstersystem.

Methode de selection et d'operation sur des objets dans un systeme interactif a fenetres.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Fleming, Stephen S., 3633 Herschel Avenue, Dallas, TX 75219, (US)

LEGAL REPRESENTATIVE:

Schuffenecker, Thierry et al (69981), Compagnie IBM France, Departement de Propriete Intellectuelle, F-06610 La Gaude, (FR)

PATENT (CC, No, Kind, Date): EP 475870 A2 920318 (Basic)
EP 475870 A3 920325

APPLICATION (CC, No, Date): EP 91480118 910731;

PRIORITY (CC, No, Date): US 574997 900830

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-003/033;

CITED REFERENCES (EP A):

J.D. FOLEY et al.: "Fundamentals of Interactive Computer Graphics", 1984, section 5.4: "Interaction techniques", pages 208-214, Addison-Wesley, Reading, US

IEEE COMPUTER GRAPHICS AND APPLICATIONS, vol. 8, no. 5, September 1988, pages 65-84, New York, US; B.A. MYERS: "A taxonomy of window manager user interfaces"

PATENT ABSTRACTS OF JAPAN, vol. 14, no. 561 (P-1142), 13th December 1990; & JP-A-02 240 689 (FUJI XEROX) 25-09-1990;

ABSTRACT EP 475870 A2

Disclosed is a method of performing an operating on selected objects. The method includes drawing a selection basket object on the computer system screen and placing the selected objects in the selection basket object. After the objects have been placed in the selection basket, the operation is performed on the selection basket.

ABSTRACT WORD COUNT: 54

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 920318 A2 Published application (A1with Search Report ;A2without Search Report)

Search Report: 920325 A3 Separate publication of the European or International search report

Examination: 920812 A2 Date of filing of request for examination: 920619

Change: 930804 A2 Representative (change)

Examination: 950524 A2 Date of despatch of first examination report: 950405

Change: 951129 A2 Representative (change)

Withdrawal: 970226 A2 Date on which the European patent application was deemed to be withdrawn: 960829

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | EPABF1 | 449 |
| SPEC A | (English) | EPABF1 | 3380 |
| Total word count - document A | | | 3829 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 3829 |

...CLAIMS performing said operation on each of said selected objects.

7. The method as claimed in claim 1, including the step of: providing and updating a **visual indication** of the **relative number** of selected **objects** in said selection basket **object**.

8. The method as claimed in claim 1, including the step of: opening said selection basket object to enable the user to view the selected...

...steps of:

displaying a selection basket object on the display screen; inserting a copy of a selected object in said selection basket;

and,

providing a **visual indication** of the **relative number** of selected **objects** in said selection basket **object**.

11. The method as claimed in claim 1, wherein said step of inserting a copy of a selected object includes the step of dragging said...

9/5,K/17 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00897533 **Image available**

A METHOD OF VISUALIZING CLUSTERS OF LARGE COLLECTIONS OF TEXT DOCUMENTS
PROCEDE POUR VISUALISER DES BOUQUETS DE GRANDES COLLECTIONS DE DOCUMENTS

TEXTUELS

Patent Applicant/Assignee:

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US)

Patent Applicant/Inventor:

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NG Suat Ling Jamie, 57 Cairnhill Road, #04-09 Elizabeth Heights,
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Legal Representative:

KANG Alban (et al) (agent), Alban Tay Mahtani & De Silva, 39 Robinson
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200231697 A1 20020418 (WO 0231697)

Application: WO 2000SG172 20001013 (PCT/WO SG0000172)

Priority Application: WO 2000SG172 20001013

Designated States: SG US

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6180

English Abstract

A graphical user interface to display clusters of a text collection on a display screen including, in its initial view, a first two dimensional polygonal area of the display screen, and a plurality of contained two dimensional areas contained within the first two dimensional area, the plurality of contained two dimensional areas being arranged in a fixed number of user-defined rows, each row having varying heights depending on the number of said plurality of contained two-dimensional areas represented in each row.

French Abstract

La presente invention concerne une interface utilisateur graphique servant a afficher des bouquets d'une collection de textes sur un ecran d'affichage incluant, dans sa vue initiale, une zone polygonale bidimensionnelle de l'ecran d'affichage, et une pluralite de zones bidimensionnelles contenues dans les limites de la premiere zone bidimensionnelle, la pluralite de zones bidimensionnelles contenues etant agencee en un nombre fixe de rangees definies par l'utilisateur, chaque rangee comportant des hauteurs variables en fonction du nombre de ladite pluralite de zones bidimensionnelles contenues representees dans chaque rangee.

Legal Status (Type, Date, Text)

Publication 20020418 A1 With international search report.

Examination 20020822 Request for preliminary examination prior to end of
19th month from priority date

Fulltext Availability:

Claims

Claim

... wherein each

said contained two dimensional areas has a description of the cluster; whereby each description contains a predetermined number of the most occurring keywords **representative** of that cluster, and the **number** of **documents** in that cluster.

5 A **graphical** user interface to display clusters of a text collection on a display screen including a first two dimensional polygonal area of the display screen, and...

...each of the contained two dimensional areas
having a description of the cluster, whereby each description
contains a predetermined number of the most occurring
keywords **representative** of that cluster and the **number** of
documents in that cluster.

8 A **graphical** user interface as claimed in claim 6, wherein the
total number of the plurality of contained two dimensional
areas corresponds to the number of clusters...

9/5,K/19 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00867291 **Image available**

DATABASE SYSTEM, PARTICULARLY FOR MULTIMEDIA OBJECTS
ENSEMBLE BASE DE DONNEES, UTILISEE, NOTAMMENT, POUR DES OBJETS MULTIMEDIAS
Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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WILLIS Gregory Kenneth, 18c Fairholme Road, West Kensington, London W14
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Legal Representative:

BUTLER Michael John (et al) (agent), Frank B. Dehn & Co., 179 Queen
Victoria Street, London EC4V 4EL, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200201384 A2-A3 20020103 (WO 0201384)

Application: WO 2001GB2857 20010627 (PCT/WO GB0102857)

Priority Application: GB 200015896 20000628

Designated States: AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY

BZ CA CH CN CO CR CU CZ (utility model) CZ DE (utility model) DE DK

(utility model) DK DM DZ EC EE (utility model) EE ES FI (utility model)

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK (utility
model) SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8563

English Abstract

A database system stores data relating to media objects and includes a
primary metadata table, a supplementary metadata table, a primary content
data table, a supplementary content data table, each supplementary
content data record being linked to a supplementary metadata record and
to a content data record. An object type link table links together
records in the primary metadata table, and a content data link table
links together records in the primary content data table. An information
retrieval system analyses the tables and provides, for a selected
instance of an object, information about that object's attributes and
relationships with other objects in a hierarchical form.

French Abstract

Cet ensemble base de donnees stocke des donnees relatives a des objets

medias utilisables pour des presentations de medias. Cet ensemble comporte une table principale de meta-donnees contenant des fiches de meta-donnees et une table supplementaire de meta-donnees contenant des fiches supplementaires de meta-donnees, chaque fiche supplementaire de meta-donnees etant liee a une fiche de meta-donnees et indiquant un attribut additionnel pour un type d'objet defini dans la fiche liee de meta-donnees. La base de donnees comporte egalement une table principale de donnees de contenu renfermant des fiches de donnees de contenu ainsi qu'une table supplementaire de donnees de contenu renfermant des fiches supplementaires de donnees de contenu, chaque fiche de donnees de contenu etant liee a une fiche supplementaire de meta-donnees et a une fiche de donnees de contenu. La fiche de donnees de contenu est liee a une fiche de meta-donnees en tant qu'instance specifique du type d'objet defini dans la fiche de meta-donnees et la fiche supplementaire de donnees de contenu contient une valeur relative a l'attribut additionnel indique dans la fiche supplementaire liee de meta-donnees, applicable a l'instance specifique du type d'objet defini dans la fiche liee de meta-donnees. Une table de lien de type d'objet lie des fiches se trouvant dans la table principale de meta-donnees et une table de lien de donnees de contenu lie des fiches se trouvant dans la table principale de donnees de contenu. Un systeme d'extraction d'informations, qui analyse la table principale de meta-donnees, la table principale de donnees de contenu, la table supplementaire de meta-donnees, la table supplementaire de donnees, la table de lien de type d'objet et la table de lien de donnees de contenu, fournit, pour une instance selectionnee d'un objet, une information relative aux attributs de l'objet et relative aux relations existant avec d'autres objets sous forme hierarchisee.

Legal Status (Type, Date, Text)

Publication 20020103 A2 Without international search report and to be republished upon receipt of that report.

Examination 20020321 Request for preliminary examination prior to end of 19th month from priority date

Search Rpt 20030130 Late publication of international search report

Republication 20030130 A3 With international search report.

Fulltext Availability:

Claims

Claim

... A database system as claimed in claim 1, wherein at least one hierarchical organisation object type defines folders.

13 A database system for storing information **relating** to a **number** of **objects** of various **object** types, comprising: a first metadata table containing records, each first metadata table record specifying an available object type and defining a set of attributes relevant... 1 0 19.

A computer software product containing instructions which when carried out on data processing means will create a database system for storing information

relating to a **number** of **objects** of various **object** types, comprising:

a first metadata table for containing a plurality of records of object types, the 1 5 first metadata table having fields for specifying...

...for making the media objects available from a hierarchical structure for use in media presentations, comprising the steps of : accessing a database for storing information **relating** to a **number** of **objects** of various **object** types, the database comprising a first metadata table, a first content table, a second metadata table and a second content table; entering into the first...

9/5,K/20 (Item 8 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00865371 **Image available**

METHOD FOR GENERATING A REPRESENTATION OF AN OBJECT WITH INTERACTIVE AREAS

PROCEDE, PRODUIT DE PROGRAMME INFORMATIQUE, SYSTEME INFORMATIQUE, SERVEUR
DE RESEAU ET CLIENT DE RESEAU POUR PRODUIRE UNE REPRESENTATION D'UN
OBJET AVEC DES SURFACES INTERACTIVES, AVEC VUE MODULABLE
VERFAHREN ZUR ERZEUGUNG EINER DARSTELLUNG EINES OBJEKTES MIT INTERAKTIVEN
FLAECHEEN

Patent Applicant/Assignee:

REALSPACE GMBH, Kerkrader Strasse 11, 35394 Giessen, DE, DE (Residence),
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HARMANN Hans-Peter, Rodtgarten 20, 35390 Giessen, DE, DE (Residence), DE
(Nationality), (Designated only for: US)

Legal Representative:

NIEDERKOFER Oswald A (et al) (agent), Samson & Partner,
Widenmayerstrasse 5, 80538 Munchen, DE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200198943 A2-A3 20011227 (WO 0198943)

Application: WO 2001EP6984 20010620 (PCT/WO EP0106984)

Priority Application: DE 10030868 20000623

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-003/033

Publication Language: German

Filing Language: German

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11256

English Abstract

The invention relates to a method for generating, with variable view, a representation of an object (100-160, 100`) with interactive areas (1000, 1000`) for a computer system (200-280). The invention also relates to a computer system (200-280), a computer program product, a network server (260) and to a network client (260) for implementing such a method. To this end, a browser (300) for a computer system (200-280) is used. In addition, a **number** of two-dimensional **images** (400, 402, 404), which each **represent** the **object** (100-160, 100`) with variable view and which are represented in a browser window, are used for the variable representation of the object (100-160, 100`). A model area (1010, 1010`) is used for the interactive area (1000, 1000`) to be generated, and the position and/or spatial location of said model area in the reference system (X, Y, Z) can vary. At least one projection of the model area (1010, 1010`) on an image (400, 402) is calculated and is used for defining the interactive area (1000, 1000`) in the representation of the image (402`) in the browser window.

French Abstract

L'invention concerne un procede permettant de produire une representation d'un objet (100-160, 100`) avec des surfaces interactives (1.000, 1.000`), avec vue modulable, pour un systeme informatique (200-280), ainsi qu'un systeme informatique (200-280), un produit de programme informatique, un serveur de reseau (260), un client de reseau (260), pour faire fonctionner un tel procede. A cet effet, il est prevu d'utiliser un navigateur (300) pour systeme informatique (200-280), ainsi qu'une pluralite d'images en deux dimensions (400,402,404) afin de représenter l'objet (100-160,100`) de maniere modulable, lesdites images en deux dimensions representant dans chaque cas l'objet (100-160,100`), avec une vue modulable, et etant representees dans une fenetre du navigateur. Il est prevu d'utiliser pour la surface interactive (1.000, 1.000`) a produire, une surface modele (1.010, 1.010`) dont la position et/ou la

position spatiale est/sont modulable(s) dans le systeme de reference (X,Y,Z). Il est prevu de calculer au moins une projection de la surface modele (10.10, 1.010`) sur une image (400,402) et la definition de la surface interactive (1.000, 1.000`) est utilisee dans la representation de l'image (402`) dans la fenetre du navigateur.

German Abstract

Ein Verfahren zur Erzeugung einer Darstellung eines Objektes (100-160, 100`) mit interaktiven Flächen (1000, 1000`) in veranderlicher Ansicht fur ein Computersystem (200-280), sowie ein Computersystem (200-280), ein Computerprogrammprodukt, ein Netzwerkserver (260) und ein Netzwerkclient (260) zum Betreiben eines solchen Verfahrens werden vorgestellt. Dabei wird ein Browser (300) fur ein Computersystem (200-280) verwendet; ausserdem fur die veranderliche Darstellung des Objektes (100-160, 100`) eine Mehrzahl von zweidimensionalen Bildern (400, 402, 404), welche jeweils das Objekt (100-160, 100`) in unterschiedlicher Ansicht darstellen und welche in einem Browserfenster dargestellt werden. Fur die zu erzeugende interaktive Fläche (1000, 1000`) wird eine Modellfläche (1010, 1010`) verwendet, deren Position und/oder raumliche Lage im Bezugssystem (X, Y, Z) veranderlich ist. Wenigstens eine Projektion der Modellfläche (1010, 1010`) auf ein Bild (400, 402) wird berechnet und fur die Definition der interaktiven Fläche (1000, 1000`) in der Darstellung des Bildes (402`) im Browserfenster verwendet.

Legal Status (Type, Date, Text)

Publication 20011227 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20030109 Late publication of international search report

Republication 20030109 A3 With international search report.

English Abstract

...network client (260) for implementing such a method. To this end, a browser (300) for a computer system (200-280) is used. In addition, a number of two-dimensional images (400, 402, 404), which each represent the object (100-160, 100`) with variable view and which are represented in a browser window, are used for the variable representation of the object (100-160...

9/5,K/22 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00850650 **Image available**

METHOD AND APPARATUS FOR STORING AND ACCESSING DATA IN COMPUTER SYSTEMS PROCEDE ET DISPOSITIF DE STOCKAGE ET D'ACCES AUX DONNEES DANS DES SYSTEMES INFORMATIQUES

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200184298 A1 20011108 (WO 0184298)

Application: WO 2001US14138 20010501 (PCT/WO US0114138)

Priority Application: US 2000562051 20000501

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DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

())
Main International Patent Class: G06F-007/00
International Patent Class: G06F-017/00; G06F-017/30; G06F-012/00
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 6926

English Abstract

Improved techniques for storing and accessing data in computer systems (200) are provided. A data packing module (202) suitable for packing data and storing it on a data record (204) is disclosed. The data packing module can store data objects of various types and sizes on the data record. In addition to data associated with each data object, various relationships between data objects can be stored on the data record by the data packing module. A data unpacking module suitable for unpacking data stored on a data record is also disclosed. The data unpacking module can be used to access data associated with data objects as well as various other information stored on the data record. A data accessing interface can be provided to enable access to data stored on the data record. For example, the data accessing interface can be implemented to provide the ability to read data and traverse the data record in both forward and backward directions.

French Abstract

La presente invention concerne l'amelioration de techniques de stockage et d'accès aux données dans des systemes informatiques (200). L'invention concerne plus particulièrement un module de regroupement des données (202) convenant au regroupement des données et à leur stockage sur un enregistrement de données (204). Ce module de regroupement des données permet de stocker des objets de données de divers types et tailles sur l'enregistrement des données. En plus des données associées à chaque objet de données, diverses relations entre objets de données peuvent être stockées sur l'enregistrement de données par le module de regroupement des données. L'invention concerne également un module de degroupage des données convenant au degroupage des données stockées sur un enregistrement de données. Ce module de degroupage des données convient pour accéder aux données associées aux objets de données, ainsi qu'à diverses autres informations stockées sur l'enregistrement de données. L'invention prévoit également une interface d'accès aux données permettant d'accéder aux données stockées sur l'enregistrement des données. Par exemple, l'interface d'accès aux données peut être mise en oeuvre de façon à donner la possibilité de lire les données et de traverser les enregistrements de données vers l'avant comme vers l'arriere.

Legal Status (Type, Date, Text)

Publication 20011108 A1 With international search report.

Examination 20020404 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:
Claims

Claim

... type-indicator associated with said at least one member object.
1 0. A method as recited in claim 5, wherein said method comprises:
storing a **number -of- objects - indicator** for said group **object** ,
19
1 A data record for storing information suitable for use in a computer system; said information being capable of being represented as one or...
...record as recited in claim 11, wherein the data record further includes:
a number-of objects-indicator field capable of having a value that
represents the number of objects associated with a group object

14 A computer system comprising:

20

one or more data objects capable of respectively having associated data that does not have a predetermined size; a...or more other data objects represented by the group object.

23 A method as recited in claim 22, wherein said method further comprises:

reading a **number -of- objects indicator associated** with the group object .

24 A method as recited in claim 21, wherein said method further comprises:

reading a data type associated with a data object stored on said...

9/5,K/23 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00844307 **Image available**

INTERACTIVE DISPLAY INTERFACE FOR INFORMATION OBJECTS

INTERFACE D'AFFICHAGE INTERACTIF POUR OBJETS D'INFORMATION

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200177907 A2-A3 20011018 (WO 0177907)

Application: WO 2001US8377 20010315 (PCT/WO US0108377)

Priority Application: US 2000195955 20000410; US 2000746149 20001222

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 37598

English Abstract

A navigation interface display system generates a navigation map that organizes a plurality of information sources in an easy-to-use manner. In practical embodiments, the information sources are cable or satellite television stations, online music or video files, or the like. The navigation map employs a hierarchical display protocol for a plurality of map items that serve as links to the various content sources. The hierarchical display scheme displays a limited number of active map items at a first magnification level and additional active map items at a second magnification level. In addition, the map items are displayed on distinctive areas or features of the map, where such features represent different content genres or categories. Subcategories can also be displayed in a hierarchical manner, thus providing additional information related to the content as the magnification level of the map changes. The

navigation interface display system is deployed in a layered architecture with centralized servers, centralized databases related to the map data and the content data, and different presentation layers associated with different presentation or display devices (such as television systems, personal computers, wireless telephones, personal digital assistants, etc.). The layered architecture allows a single deployment of the display system to service multiple users, where each user can utilize any number of different presentation devices.

French Abstract

L'invention concerne un systeme d'affichage a interface de navigation permettant d'obtenir une carte de navigation qui organise une multitude de sources d'informations sous une forme facile a utiliser. Dans des modes de realisation pratiques, les sources d'informations sont des stations de cablodistribution ou des stations de television par satellite, des fichiers audio ou video en ligne ou des dispositifs analogues. La carte de navigation utilise un protocole d'affichage hierarchique pour une pluralite d'elements de carte servant de liens aux diverses sources de contenu. Le mecanisme d'affichage hierarchique affiche un nombre limite d'elements de carte actifs a un premier niveau d'agrandissement et des elements de carte actifs supplementaires a un second niveau d'agrandissement. En outre, les elements de carte sont affichees sur des zones ou des details cartographiques distincts, les details cartographiques representant differents genres ou categories de contenu. Des sous-categories peuvent etre egalement affichees de maniere hierarchique, ce qui permet d'obtenir des informations supplementaires concernant le contenu au fur et a mesure des changements de niveau d'agrandissement. Le systeme d'affichage a interface de navigation est deploye selon une architecture en couches et il comprend des serveurs centralises, des bases de donnees centralisees associees aux donnees de carte et aux donnees de contenu, et differentes couches de presentation associees a differents dispositifs de presentation ou d'affichage (tels que des systemes de television, des ordinateurs personnels, des telephones cellulaires, des assistants numeriques personnels, etc.). L'architecture en couches permet un deploiement unique du systeme d'affichage vers des utilisateurs de services multiples, chaque utilisateur pouvant utiliser n'importe quel nombre de dispositifs de presentation.

Legal Status (Type, Date, Text)

Publication 20011018 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20021227 Late publication of international search report

Republication 20021227 A3 With international search report.

Fulltext Availability:

Claims

Claim

... 24. An interactive navigation interface for displaying a number of active symbols, comprising:
a display element;
a graphic feature rendered on said display element, said **graphic** feature
representing a category;
a first **number** of active map **items** from said category, said first number of active map items being rendered on said display element on or proximate to a first area of said...

...a second subcategory.

25 An interactive navigation interface according to claim 24, further comprising:
a second graphic feature rendered on said display element, said second **graphic** feature **representing** a second category; and
a **number** of active map **items** from said second category, said number of active map items from said second category being rendered on said display

element on or proximate to said...

...28 An interactive navigation interface for displaying a number of active symbols, comprising:
a display element;
a graphic feature rendered on said display element, said **graphic** feature
representing a category;
a first **number** of active map **items** from said category, said first number of active map items being rendered on said display element at a first magnification level on or proximate to...

...said graphic feature.

31 An interactive navigation interface according to claim 28, farther comprising:
a second graphic feature rendered on said display element, said second **graphic** feature **representing** a second category; and
a **number** of active map **items** from said second category, said number of active map items from said second category being rendered on said display element on or proximate to said...than said selected active map item.

45 An interactive navigation interface comprising:
a navigation map rendered in a display window, said navigation map comprising a **graphic** feature **representing** a category;
a **number** of active map **items** rendered on said navigation map, each of said active map items representing content accessible through said interactive navigation interface; and
a number of inactive map...

9/5,K/25 (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00828880

SYSTEM FOR GRAPHICAL REPRESENTATION OF REAL-TIME DATA
SYSTEME DE REPRESENTATION GRAPHIQUE DE DONNEES EN TEMPS REEL

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2001US5286 20010216 (PCT/WO US0105286)

Priority Application: US 2000183677 20000218; US 2001782823 20010213; US
2001782932 20010213

Parent Application/Grant:

Related by Continuation to: US 2000183677 20000218 (CON); US 2001782823
20010213 (CON); US 2001782932 20010213 (CON)

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5163

English Abstract

French Abstract

La presente invention concerne un systeme de realisation et de surveillance d'un processus en temps reel auquel participent plusieurs participants via un reseau. Dans un premier mode de realisation, des composants multiples du systeme comprennent: au moins un ordinateur de participant avec un affichage; au moins un serveur couple a l'ordinateur du participant via le reseau; et au moins un dispositif a memoire qui stocke les instructions. Lorsque ces instructions sont executees, le processeur est amene a recueillir periodiquement des donnees en temps reel relatives au processus en temps reel, et a mettre a jour periodiquement un affichage avec la representation graphique d'un etat courant du processus, au moyen des donnees en temps reel. Ces instructions ameneront egalement le processeur a recevoir des entrees de participants via l'affichage, ces entrees contenant des modifications des donnees en temps reel. En outre, le processeur met egalement a jour l'affichage pour refleter les changements apportees aux donnees en temps reel, en reponse aux entrees des participants.

Legal Status (Type, Date, Text)

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Examination 20011206 Request for preliminary examination prior to end of 19th month from priority date

Declaration 20020516 Late publication under Article 17.2a

Republication 20020516 A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

Fulltext Availability:

Claims

Claim

... claim 9, wherein the display comprises a plurality of objects, each of which represent a participant in the auction, wherein a relative size of an **object** indicates a **relative number** of **items** held by a seller and a relative number of items desired by a buyer, and wherein the real-time data includes the relative number of...

9/5,K/26 (Item 14 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00813230 **Image available**

METHOD AND SYSTEM FOR GENERATING A GRAPHICAL REPRESENTATION

PROCEDE ET SYSTEME DE GENERATION D'UNE REPRESENTATION GRAPHIQUE

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2000NZ243 20001207 (PCT/WO NZ0000243)

Priority Application: NZ 502019 19991222

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DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/10

International Patent Class: G06F-011/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5854

English Abstract

The invention provides a method of generating a graphical representation of two or more finite sets of elements, the method comprising the steps of calculating the number of elements in each set, the number of elements in the union of all sets, and the number of elements in each set intersection; displaying a plurality of closed curves, the closed curves representing respective sets, the area bounded by each closed curve being proportional to the ratio of the number of elements in the corresponding set to the number of elements in the union of all sets; and aligning each closed curve relative to each other closed curve, the area bounded by the overlap of each curve being proportional to the ratio of the number of elements in the corresponding set intersection to the number of elements in the union of all sets.

French Abstract

La presente invention concerne un procede de generation d'une representation graphique d'au moins deux ensembles finis d'elements, le procede consistant a calculer le nombre d'elements faisant partie de chaque ensemble, le nombre des elements presents dans le groupe reunissant tous les ensembles et le nombre des elements presents dans chaque intersection des ensembles ; a afficher une pluralite de courbes fermees representant les ensembles respectifs, la zone limitee par chaque courbe fermee etant proportionnelle au rapport du nombre d'elements dans l'ensemble correspondant et du nombre d'elements presents dans le groupe reunissant tous les ensembles ; et l'alignement de chaque courbe fermee sur chaque autre courbe fermee, la zone limitee par le recouvrement de chaque courbe etant proportionnelle au rapport du nombre d'elements dans l'intersection des ensembles correspondants et du nombre d'elements dans le groupe reunissant tous les ensembles.

Legal Status (Type, Date, Text)

Publication 20010628 A1 With international search report.

Examination 20010927 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Claims

Claim

... finite sets of elements as claimed in claim I further comprising the steps of calculating the radius r_A of a circle A, the area bounded by **circle** A being **proportional** to the ratio of the **number** of **elements** in the first finite set to the

. number of elements in the union of both sets;
 calculating the radius rB of a circle B, the area bounded by circle B
 being **proportional** to the ratio of the **number** of **elements** in the
 set B to the number of
 elements in the union of both sets; and
 spacing the centre of circle A from the centre of circle B a calculated
 distance from other, the area of overlap of the **circles** being
proportional to the ratio of the **number** of **elements** in the set
 intersection to the number of elements in the union of both sets.
 3 A method of generating a graphical representation of three...
 ...of elements as claimed in claim 1, the method further comprising the
 steps of calculating the radius rA of a circle A, the area bounded by
circle A being **proportional** to the ratio of the **number** of **elements**
 in the first finite set to the
 number of elements in the union of all sets;
 calculating the radius rB of a circle B, the area bounded by **circle** B
 being **proportional** to the ratio of the **number** of **elements** in the
 second finite set to the
 number of elements in the union of all sets;
 13
 ti
 oLp olulnorm ol pg@ueuu si ,@ujdsip...

9/5,K/38 (Item 26 from file: 349)
 DIALOG(R)File 349:PCT FULLTEXT
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00453966

AUTOMATIC EXTRACTION AND GRAPHIC VISUALIZATION SYSTEM AND METHOD
EXTRACTION AUTOMATIQUE ET PROCEDE ET SYSTEME DE VISUALISATION GRAPHIQUE

Patent Applicant/Assignee:

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Inventor(s):

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Patent and Priority Information (Country, Number, Date):

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 Priority Application: US 9742295 19970401; US 97989832 19971212

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FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD
 MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US
 UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE
 CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML
 MR NE SN TD TG

Main International Patent Class: G06F-017/00

International Patent Class: G06F-17:30

Publication Language: English

Fulltext Availability:

Detailed Description
 Claims

Fulltext Word Count: 14944

English Abstract

A method for extracting information from a plurality of documents. Units
 of information are extracted from a set of documents according to a set
 of predefined categories by using an information engine (47), and
 thereupon a visual representation of the extracted units of information
 is provided to the user via client (25); thereupon, the user may apply
 individual instances of filters to the information units to produce a
 filtered set of information units forming for display a revised visual
 representation of the filtered set of information units comprised

- exclusively of only those documents of the original document set containing each of the information units in the filtered set of information units.

French Abstract

La presente invention concerne un procede d'extraction d'informations d'une pluralite de documents. On extrait des unites d'information d'un ensemble de documents selon un ensemble de categories predefinie a l'aide d'un dispositif d'extraction d'informations (47), et on fournit, alors, une representation visuelle des unites d'information extraites a l'utilisateur (25). L'utilisateur peut, alors, appliquer des instances individuelles de filtres aux unites d'information de facon a produire un ensemble filtre d'unites d'information, formant pour l'ecran, une representation visuelle revisee de l'ensemble filtre d'unites d'information, constitue exclusivement de ces documents uniques de l'ensemble du document original, contenant chacune des unites d'information de l'ensemble filtre d'unites d'information.

Fulltext Availability:

Claims

Claim

... category is based upon a manually produced codifying of the information objects within said plurality of documents.

5 The method of claim 1 wherein said **visual** representation comprises a bar chart **indicating** the **number** of **documents** containing each of the information units.

6 The method of claim I further comprising repeatedly performing the applying and displaying a revised steps in succession...

9/5,K/40 (Item 28 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00306534 **Image available**

METHOD FOR THE CLASSIFICATION OF OBJECTS, USE OF SAID METHOD AND SYSTEMS FOR CARRYING OUT SAME

PROCEDE DE CLASSIFICATION D'OBJETS, UTILISATION DE CE PROCEDE ET SYSTEMES DE MISE EN OEUVRE DU PROCEDE ET DE SON UTILISATION

Patent Applicant/Assignee:

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CAMILLE Daniel,
CAMILLE Bruno,

Inventor(s):

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CAMILLE Bruno,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9524686 A1 19950914

Application: WO 95FR261 19950307 (PCT/WO FR9500261)

Priority Application: FR 942668 19940308

Designated States: JP US AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: G06F-017/30

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 4992

English Abstract

Method for the classification of objects such as furniture and works of art. The method is characterized in that a sequence of images encompassing the classes and subclasses of objects is created, in the form of a tree structure. For each class or subclass of objects so defined, a representational image of the object is formed, illustrating,

in general, the generic structural elements of the **object**, and for each element, a **number** of elementary **representational images** are created **corresponding** to the different methods for the production of said elements. The invention is characterized in that said images are stored in a storage device having a tree-like structure for the sequence of images. A given object is classified based on the image in sequence of images stored in said storage device, applicable to the different structural elements of said object, said images having been copied on a suitable image medium. The invention is useful for the identification of stolen or lost objects.

French Abstract

L'invention concerne un procede de classification d'objets tels que des meubles et objets d'art. Ce procede est caracterise en ce que l'on etablit une suite d'images des familles et sous-familles d'objets, sous forme d'une structure arborescente, et pour chaque famille ou sous-famille d'objets ainsi definis une image de schematisation de l'objet, presentant de facon generale les elements structurels generiques de l'objet et pour chaque element un certain nombre d'images elementaires de representation des differents modes de realisation de cet element, stocke les images dans un dispositif de stockage organise en fonction de la structure arborescente des suites d'images, et classe un objet donne par les images des suites d'images stockees dans le dispositif de stockage, qui sont applicables aux differents elements structurels de cet objet, les images ayant ete reproduites sur un support d'images approprie. L'invention est utilisable pour l'identification d'objets voles ou perdus.

English Abstract

...each class or subclass of objects so defined, a representational image of the object is formed, illustrating, in general, the generic structural elements of the **object** and for each element, a **number** of elementary **representational images** are created **corresponding** to the different methods for the production of said elements. The invention is characterized in that said images are stored in a storage device having

...

?

19/5,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01276249

Graphical user interface
Graphische Benutzeroberfläche
Interface utilisateur graphique
PATENT ASSIGNEE:

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Cedex 15, (FR), (Applicant designated States: all)

INVENTOR:

Nguyen van Huong, Emile, c/o Canal+ Technologies Societe Anonyme, 34
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LEGAL REPRESENTATIVE:

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London WC1X 8AL, (GB)

PATENT (CC, No, Kind, Date): EP 1098244 A2 010509 (Basic)

EP 1098244 A3 010613

APPLICATION (CC, No, Date): EP 2000300832 000203;

PRIORITY (CC, No, Date): EP 99402721 991102

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-009/44 ; G06F-003/033

ABSTRACT EP 1098244 A3

A method of displaying a group of graphical objects in a graphical user interface whereby the group comprises a plurality of graphical objects which are linked together with graphical link elements. The graphical objects, taken together with the link elements, form a linked chain. The method allows for the selective display of sub-chains of graphical objects, the sub-chains representing a branch from a linked chain of graphical objects.

ABSTRACT WORD COUNT: 69

NOTE:

Figure number on first page: 6A

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010509 A2 Published application without search report

Search Report: 010613 A3 Separate publication of the search report

Withdrawal: 021113 A2 Date application deemed withdrawn: 20011214

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|----------------|----------|--------|------------|
|----------------|----------|--------|------------|

| | | | |
|----------|-----------|--------|-----|
| CLAIMS A | (English) | 200119 | 922 |
|----------|-----------|--------|-----|

| | | | |
|--------|-----------|--------|-------|
| SPEC A | (English) | 200119 | 29586 |
|--------|-----------|--------|-------|

| | |
|-------------------------------|-------|
| Total word count - document A | 30508 |
|-------------------------------|-------|

| | |
|-------------------------------|---|
| Total word count - document B | 0 |
|-------------------------------|---|

| | |
|------------------------------------|-------|
| Total word count - documents A + B | 30508 |
|------------------------------------|-------|

INTERNATIONAL PATENT CLASS: G06F-009/44 ...

... G06F-003/033

...SPECIFICATION re-allocated. This may be particularly important in devices such as receiver/decoders where memory may be limited. For this purpose (amongst others) the look object may include a counter which indicates the number of graphical objects which are associated with that look object . Preferably, each time a graphical object is associated with the look object, the counter is incremented, and each time a graphical object is disassociated with...

...to associate the look object with a plurality of graphical objects. The look object may include a counter (such as a location in memory) which indicates the number of graphical objects which are associated with that look object .

The apparatus may further comprise means, such as a screen (for example

a computer screen or a television screen) for displaying the graphical object.

In...

19/5,K/23 (Item 23 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00826299

Image controlling device and image controlling method

Vorrichtung und Verfahren zur Bildverarbeitung

Dispositif et methode de traitement d'image

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 767418 A1 970409 (Basic)
EP 767418 B1 030129

APPLICATION (CC, No, Date): EP 96115842 961002;

PRIORITY (CC, No, Date): JP 95254975 951002; JP 95254985 951002; JP
95254986 951002

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-003/033

CITED REFERENCES (EP B):

COMMUNICATIONS OF THE ASSOCIATION FOR COMPUTING MACHINERY, vol. 36, no.
4, 1 April 1993, pages 57-71, XP000355422 ROBERTSON G G ET AL:

"INFORMATION VISUALIZATION USING 3D INTERACTIVE ANIMATION"

IBM TECHNICAL DISCLOSURE BULLETIN, vol. 38, no. 2, 1 February 1995, page
423 XP000502528 "THREE-DIMENSIONAL SELECTION WIDGET"

IBM TECHNICAL DISCLOSURE BULLETIN, vol. 37, no. 3, 1 March 1994, page 273
XP000441471 "EXPONENTIAL INCREASES IN SPIN CONTROL RATES"

RESEARCH DISCLOSURE, no. 307, 1 November 1989, page 901 XP000084666
"SPHERICAL MENU SELECTOR"

RESEARCH DISCLOSURE, no. 307, 1 November 1989, page 833 XP000084618 "USES
OF THE SPHERICAL SELECTOR"

IBM TECHNICAL DISCLOSURE BULLETIN, vol. 36, no. 12, 1 December 1993, page
227/228 XP000418950 "VIRTUAL REALITY MENU SYSTEMS";

ABSTRACT EP 767418 A1

An image controlling device and method thereof is provided with
superior operability when making selections from a menu displayed on a
display device such as a CRT display. In the preferred embodiments of the
image controlling device and method of the present invention, a menu is
constructed by arranging a plurality of menu items three-dimensionally
along a cylinder. A portion of these menu items is then displayed in such
a manner that viewing is performed from the center of this cylinder
outwards. The shifting velocity of the menu items is changed while all of
the menu items are shifted in response to input signals from a controller
operated by the user and the menu item arranged at the center of the
picture is determined to be the selected menu item. When a following
level exists for the selected menu item, this level is proceeded to and
menu items are displayed on the display device in the same way. When the
selected menu item does not have a following level an image corresponding
to this menu item is displayed.

ABSTRACT WORD COUNT: 179

NOTE:

Figure number on first page: 9

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 010110 A1 Date of dispatch of the first examination
report: 20001123
Application: 970409 A1 Published application (A1with Search Report
;A2without Search Report)
Grant: 030129 B1 Granted patent
Examination: 971105 A1 Date of filing of request for examination:
970910

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | EPAB97 | 1562 |
| CLAIMS B | (English) | 200305 | 1168 |
| CLAIMS B | (German) | 200305 | 1108 |
| CLAIMS B | (French) | 200305 | 1341 |
| SPEC A | (English) | EPAB97 | 5989 |
| SPEC B | (English) | 200305 | 6108 |
| Total word count - document A | | | 7552 |
| Total word count - document B | | | 9725 |
| Total word count - documents A + B | | | 17277 |

INTERNATIONAL PATENT CLASS: G06F-003/033

...SPECIFICATION displaying a plurality of menu items and executing a function for allotting a selected menu item by a user selecting one menu item from a **number** of menu **items** .

Description of the **Related Art**

Graphical User Interfaces (hereinafter referred to as "GUI's") that are currently the most commonly used construct a graphically represented user interface by displaying menu items...

...SPECIFICATION displaying a plurality of menu items and executing a function for allotting a selected menu item by a user selecting one menu item from a **number** of menu **items** .

Description of the **Related Art**

Graphical User Interfaces (hereinafter referred to as "GUI's") that are currently the most commonly used construct a graphically represented user interface by displaying menu items...

19/5,K/24 (Item 24 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00795724

Intelligent selection of graphic objects keypoints and relationships

Intelligente Auswahl von graphischen Objekten, markanten Punkten und Beziehungen

Selection intelligente d'objets graphiques, de points remarquables et de relations

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 741352 A1 961106 (Basic)
EP 741352 B1 011219

APPLICATION (CC, No, Date): EP 96106927 960502;
PRIORITY (CC, No, Date): US 435647 950505
DESIGNATED STATES: DE; FR; GB; IT; NL
INTERNATIONAL PATENT CLASS: G06F-003/033
CITED PATENTS (EP B): EP 318154 A; EP 480570 A; EP 550838 A; EP 738952 A

ABSTRACT EP 741352 A1

The present invention provides a computer system with an improved graphically-oriented user interface that permits the user to more easily select for manipulation one object from a number of objects that overlap or are in close proximity to one another at a common location in a graphic display. In a preferred embodiment, the invention presents the computer user with the opportunity to preview all possible objects that the cursor might be identifying at its current position and the ability to select one of those objects for manipulation. Thus, rather than cycling through the entire list of objects available for selection at a location in the display, the user can immediately narrow the list down to the desired selection only. The present invention prevents selection errors and drastically reduces the number of user inputs required to select an object. (see image in original document)

ABSTRACT WORD COUNT: 165

NOTE:

Figure number on first page: 3C
LEGAL STATUS (Type, Pub Date, Kind, Text):
Examination: 000621 A1 Date of dispatch of the first examination report: 20000504
Application: 961106 A1 Published application (A1with Search Report ;A2without Search Report)
Oppn None: 021211 B1 No opposition filed: 20020920
Grant: 011219 B1 Granted patent
Examination: 970702 A1 Date of filing of request for examination: 970430

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | EPAB96 | 698 |
| CLAIMS B | (English) | 200151 | 1307 |
| CLAIMS B | (German) | 200151 | 1245 |
| CLAIMS B | (French) | 200151 | 1471 |
| SPEC A | (English) | EPAB96 | 5420 |
| SPEC B | (English) | 200151 | 5622 |
| Total word count - document A | | | 6118 |
| Total word count - document B | | | 9645 |
| Total word count - documents A + B | | | 15763 |

INTERNATIONAL PATENT CLASS: G06F-003/033

...SPECIFICATION device, such as a mouse, joystick or track ball, or other control input devices, such as in a pen-based or voice-based system. The graphic images can represent a number of elements in a computer program. For example, programs and data can be shown as "windows" or icons on the display, where each window or icon represents...

...SPECIFICATION device, such as a mouse, joystick or track ball, or other control input devices, such as in a pen-based or voice-based system. The graphic images can represent a number of elements in a computer program. For example, programs and data can be shown as "windows" or icons on the display, where each window or icon represents...

19/5,K/41 (Item 41 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00338422

File management system for a computer.
Dateiverwaltungssystem fur einen Rechner.
Systeme de gestion de fichiers pour un ordinateur.
PATENT ASSIGNEE:

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BE;CH;DE;FR;GB;IT;LI;NL)

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Murdoch, Brian, 8 Cambrian Way, Wokingham Berkshire RH1 3JP, (GB)

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PATENT (CC, No, Kind, Date): EP 339220 A2 891102 (Basic)
EP 339220 A3 900620

APPLICATION (CC, No, Date): EP 89104082 890308;

PRIORITY (CC, No, Date): US 186516 880425

DESIGNATED STATES: BE; CH; DE; FR; GB; IT; LI; NL

INTERNATIONAL PATENT CLASS: G06F-009/44 ; G06F-015/40

CITED REFERENCES (EP A):

DIGEST OF PAPERS, COMPCON SPRING 87, 23rd - 27th February 1987, San
Francisco, US, pages 44-49; Dr. MOHAMMAD A. KETABCHI et al.:
"Implementation of Persistent Multi-User Object-Oriented Systems"
SOFTWARE PRACTICE & EXPERIENCE, vol. 16, no. 12, December 1986, pages
1059-1076; J.C. HUSKAMP: "A Modular Operating System for the CRAY-1"
IDEM
ERICSSON TECHNICS, vol. 26, no. 3, 1970, pages 131-156; SVERRE SEM
SANDBERG: "PLUTO, a Data Base Management System"
11th ANNUAL INTERNATIONAL SYMPOSIUM ON COMPUTER ARCHITECTURE, 5th - 7th
June 1984, Ann Arbor, US, pages 178-187; Y. ISHIKAWA et al.: "The
design at an object-oriented architecture";

ABSTRACT EP 339220 A2

A computer having a file management system is presented. The file
management system includes a plurality of application programs (101,
106), a plurality of data files (221 to 223) a plurality of class data
structures and a plurality of object data structures (202 to 210). Each
class data structure includes a reference to an application program
within the plurality of application programs. Each object data structure
includes a reference to a class data structure from the plurality of
class data structures and a reference to at least one data file from the
plurality of data files.

The use of object data structures adds a layer between a user of the
computer and data files. This allows for the computer to refer to an
object data structure and access files associated therewith using a tag
which is inaccessible to the user. The user refers to an object based on
the physical location of the object on the screen.

Additionally, the file management system includes a plurality of link
data structures, each link data structure including a reference to a
first object data structure in the plurality of object data structures
which serves as a parent object of the link, and including a reference to
a second object data structure in the plurality of object data structures
which serves as a child object of the link.

ABSTRACT WORD COUNT: 228

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 891102 A2 Published application (A1with Search Report
;A2without Search Report)
Search Report: 900620 A3 Separate publication of the European or
International search report
Examination: 910123 A2 Date of filing of request for examination:
901122
Examination: 930728 A2 Date of despatch of first examination report:
930611

Refusal: 980909 A2 Date on which the European patent application
was refused: 980424

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | EPABF1 | 834 |
| SPEC A | (English) | EPABF1 | 8936 |
| Total word count - document A | | | 9770 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 9770 |

INTERNATIONAL PATENT CLASS: G06F-009/44 ...

... G06F-015/40

...SPECIFICATION parent of one or more objects in HPOMF.CAT. Each object in HPOMF.CAT which is not a global object, is a descendent of global object. Although Figure 74 shows only six global objects, the number of global objects operating on a system is a matter of system configuration. Any object in the system can refer to a global object by using she...

19/5,K/47 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01005184

OBJECT DISTRIBUTION

REPARTITION D'OBJETS

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Patent Applicant/Inventor:

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Legal Representative:

JENSEN & SON (agent), 70 Paul Street, London EC2A 4NA, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200334218 A2 20030424 (WO 0334218)

Application: WO 2002GB4673 20021015 (PCT/WO GB0204673)

Priority Application: GB 200124703 20011015

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/46

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 1278

English Abstract

A method of locating objects in a distributed electronic environment

comprising defining a plurality of object-types, which object-types are assigned a plurality of attributes, one attribute being an object-precedence attribute. A plurality of home locations for objects are defined. When a new object is instantiated, which object has associations with other objects, the new object is located at the home location of the existing object which has the highest precedence value of all the associated objects.

French Abstract

L'invention concerne un procede de localisation d'objets dans un environnement electronique repartit. Ce procede consiste a definir plusieurs types d'objets auxquels sont attribues plusieurs attributs, un attribut etant un attribut de priorite d'objet. Plusieurs localisations nominales sont definies pour des objets. Lorsqu'un nouvel objet est instancie, lequel objet presente des associations avec d'autres objets, il est localise au niveau de la localisation nominale de l'objet existant possedant la valeur de priorite la plus elevee de tous les objets associes.

Legal Status (Type, Date, Text)

Publication 20030424 A2 Without international search report and to be republished upon receipt of that report.

Main International Patent Class: G06F-009/46

Fulltext Availability:

Detailed Description

Detailed Description

... be homed and what the optimum configuration with respect to network and processor efficiency is a challenging one. This problem is further compounded when this **object relates** (with processing dependencies) to a **number** of further **objects** within the system, which further objects are diversely located across the system themselves.

US5787284 discloses a method in which programs are grouped together based on...

19/5,K/74 (Item 28 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00453949 **Image available**

SYSTEM AND METHOD FOR TRACKING RECORDS IN A DISTRIBUTED COMPUTING SYSTEM
SYSTEME ET PROCEDE DE RECHERCHE D'ENREGISTREMENTS DANS UN SYSTEME
INFORMATIQUE DISTRIBUE

Patent Applicant/Assignee:

BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY,
MARTIN Paul Anthony,

Inventor(s):

MARTIN Paul Anthony,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9844413 A1 19981008

Application: WO 98GB922 19980326 (PCT/WO GB9800922)

Priority Application: GB 976400 19970327

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US
UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE
CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML
MR NE SN TD TG

Main International Patent Class: G06F-009/46

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6646

English Abstract

A computing system comprising a plurality of host computers interconnected by a data communication network, each storing a plurality of data records, each being programmed to access a record held on another, each being programmed selectively to create new records and to allocate names thereto, and to move a record to another said host computer, in which each host computer is programmed to allocate to each new record a name indicative of the identity of that host computer, and that name remains indicative of that host computer after said record is moved, and each host computer is arranged to store a table of data storing, for all records on all said host computers, data indicating the host computer on which that record is currently stored, and to update that table when a said record is moved or created.

French Abstract

L'invention concerne un systeme informatique qui comprend une serie d'ordinateurs hotes interconnectes par un reseau de communication de donnees et stockant chacun une serie d'enregistrements de donnees. Chaque ordinateur hote est programme selectivement pour creer de nouveaux enregistrements et leur attribuer un nom, et pour transférer un enregistrement vers un autre ordinateur hote. Chaque ordinateur hote est programme pour attribuer a chaque nouvel enregistrement un nom qui indique l'identite dudit ordinateur hote et continue d'indiquer l'identite de cet ordinateur apres que l'enregistrement ait ete transfere. Chaque ordinateur hote est configure pour stocker une table d'enregistrement de donnees pour tous les enregistrements dans tous lesdits ordinateurs hotes, des donnees indiquant dans quel ordinateur hote cet enregistrement est actuellement stocke, et pour mettre a jour ladite table lorsqu'un enregistrement est transfere ou cree.

Main International Patent Class: **G06F-009/46**

Fulltext Availability:

Detailed Description

Detailed Description

... there may be on the order of several hundred classes and hence the class number 900b may likewise be a one byte number. Finally, an **object** number 900c is allocated **representing** the next available **number** of **objects** of the class concerned.
There will be

19/5,K/78 (Item 32 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00394480 **Image available**

METHOD OF AND APPARATUS FOR VIEWING AN IMAGE PROCEDE ET APPAREIL POUR VISUALISER UNE IMAGE

Patent Applicant/Assignee:

VIRTUALITY (IP) LIMITED IN ADMINISTRATION,
WALDERN Jonathan David,
POPOVICH Milan Momcilo,

Inventor(s):

WALDERN Jonathan David,
POPOVICH Milan Momcilo,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9735223 A1 19970925

Application: WO 97GB711 19970314 (PCT/WO GB9700711)

Priority Application: GB 965456 19960315; GB 9618718 19960907; GB 9622950
19961104

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW
MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN GH KE LS
MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE
IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G02B-027/01

International Patent Class: A61B-03:113; **G06F-03:00** ; G03H-01:02;

G02F-01:29
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 17074

English Abstract

Light from an image displayed on a display screen (10) is transmitted to an observer's eye (11) by way of a dynamic optical element (12) (such as a spatial light modulator or an electrically switchable holographic composite) which acts as a lens. Emitters (17) on the display screen (10) emit infrared radiation which is projected by the dynamic lens (12) as a broad wash onto the eye (11). Infrared radiation reflected back from the eye (11) is focused by the dynamic lens (12) onto detectors (18) also provided on the display screen (10). The detectors (18) are thus able to sense the direction of eye gaze, and the dynamic lens (12) is controlled in dependence on this to create an area of high resolution in an area of interest centred on the direction of gaze, which is moved to follow the eye gaze as its direction alters. Other than in the area of interest, the dynamic lens (12) has a relatively low resolution.

French Abstract

La lumiere provenant d'une image visualisee sur un ecran de visualisation (10) est transmise a l'oeil (11) d'un observateur au moyen d'un element optique dynamique (12) (tel qu'un modulateur de lumiere spatiale ou un composite holographique pouvant etre commuté électriquement) qui sert de lentille. Des émetteurs (17) sur l'écran de visualisation (10) émettent un rayonnement infra-rouge qui est projeté par la lentille dynamique (12) comme une large oeillette sur l'oeil (11). Le rayonnement infra-rouge renvoie a partir de l'oeil (11) est focalisé par la lentille dynamique (12) sur les détecteurs (18) également prévus sur l'écran de visualisation (10). Les détecteurs (18) peuvent également détecter le sens du regard, et la lentille dynamique (12) est commandée en fonction pour créer une zone de forte résolution dans une zone d'intérêt centrée sur le sens du regard, qui est déplacée pour suivre le regard lorsque sa direction change. Dans les zones autres que la zone d'intérêt, la lentille dynamique (12) présente une résolution relativement faible.

...International Patent Class: G06F-03:00
Fulltext Availability:
Detailed Description

Detailed Description

... over a field of view of 135c' x 1800. The number to be up-dated in any given frame will be considerably smaller. Figure 6 shows in graphic form the number of active display elements required in the exit pupils, assuming a variable resolution profile of the form shown in Figure 7.

Significant economy in the computation of the input...

19/5,K/89 (Item 43 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00170160

IMPROVED SORTING METHOD

PROCEDE AMELIORE DE TRI

Patent Applicant/Assignee:

McCAULEY Peter B,

Inventor(s):

McCAULEY Peter B,

Patent and Priority Information (Country, Number, Date):

Patent:

Application: WO 9003609 A1 19900405

WO 88US3355 19880929 (PCT/WO US8803355)

Priority Application: WO 88US3355 19880929
Designated States: AT AU BE CH DE DK FR GB IT JP KR LU NL SE SU
Main International Patent Class: G06F-007/08
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 11676

English Abstract

A method is disclosed which provides for sorting computer data records in a minimum amount of time. Records are sorted according to their keys, typically from the most significant digit, or character, to the least significant. The records are placed in or associated with various bins depending on the character on which the record is presently being sorted (3-17). These bins are linked together (20-44) and appended to a front section when they are completely sorted (45). A first process (3-17) in the present invention involves testing for equality between characters in adjacent records, and if equality does exist, not performing numerous otherwise necessary but tedious and time consuming procedures. A second process (3-17, 20-44) involves the use of an auxiliary or "bins used" table to identify the bins actually used in the current group of records. This auxiliary table is used to determine which bins to process if only a few bins are used. These two novel processes independently and in combination result in a reliably faster and more efficient sorting procedure than previously known, and may be applied to any type of bin type sorting procedure.

French Abstract

On decrit un procede permettant de trier des enregistrements de donnees informatiques dans un laps de temps minimum. Les enregistrements sont tries en fonction de leurs cles, et plus precisement du chiffre ou caractere le plus significatif du chiffre ou caractere le moins significatif. Les enregistrements sont places dans ou associes avec diverses cases selon le caractere sur lequel se fonde le tri en cours (3-17). Ces cases sont regroupees (20-44) et annexees a une section frontale lorsqu'elles ont ete completement triees (45). Une premiere etape (3-7) de la presente invention consiste a rechercher une egalite entre des caracteres situes dans des enregistrements adjacents, et s'il y a egalite, a ne pas effectuer nombre d'autres procedures longues et laborieuses qui, en d'autres circonstances, seraient necessaires. Une seconde etape (3-17, 20-44) consiste a utiliser une table auxiliaire ou "de cases utilisees" pour identifier les cases reellement utilisees dans le groupe donne d'enregistrement. Cette table auxiliaire permet de determiner quelles sont les cases a traiter lorsque quelques cases seulement sont utilisees. Ces deux nouveaux procedes, que ce soit independamment ou en combinaison, peuvent s'appliquer a tous les types de procedure de tri par cases et constituent une procedure fiable de tri, plus rapide et plus efficace queles autres procedures connues a ce jour.

Main International Patent Class: G06F-007/08

Fulltext Availability:

Detailed Description

Detailed Description

... sort procedure.

FIG, 2a, FIG. 2b and FIG. 3 are flowcharts depicting certain processes of the present invention in greater detail.

FIGe 4 is a **graphical representation** of the **number of records** to be sorted versus the sort time, for Quicksort, the present invention and an unimproved MSD listed radix sort, for a moderate **number of records**.

FIG, 5 is a **graphical representation** of the **number of records** to be sorted versus sorting efficiency for

21/5,K/8 (Item 8 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01119815

Method for clustering a large collection of documents
Verfahren zum gruppieren einer grossen Dokumentsammlung
Procede pour grouper une grande collection de documents
PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 980043 A2 000216 (Basic)
EP 980043 A3 000322
EP 980043 B1 030507

APPLICATION (CC, No, Date): EP 99203801 921015;

PRIORITY (CC, No, Date): US 790316 911112

DESIGNATED STATES: DE; FR; GB

RELATED PARENT NUMBER(S) - PN (AN):

EP 542429 (EP 92309402)

INTERNATIONAL PATENT CLASS: G06F-017/30

CITED REFERENCES (EP B):

C.J. CROUCH: "A cluster-based approach to thesaurus construction" ACM
SIGIR 11TH INTERNATIONAL CONFERENCE ON RESEARCH & DEVELOPMENT IN
INFORMATION RETRIEVAL, 15 June 1988 (1988-06-15), pages 309-320,
XP000295046 GRENoble, FRANCE

P. WILLETT: "Recent trends in hierarchic document clustering: A critical
review" INFORMATION PROCESSING & MANAGEMENT, vol. 24, no. 5, 26 January
1988 (1988-01-26), pages 577-597, XP000573921 GB

S. TSUJIMOTO ET AL.: "Understanding multi-articled documents" 10TH
INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION, vol. 1, 21 June 1990
(1990-06-21), pages 551-556, XP000166354 ATLANTIC CITY, NEW JERSEY,
U.S.A.;

ABSTRACT EP 980043 A3

Scatter-Gather is a computer based document browsing method which
operates in time proportional to a number of documents in a target
corpus. The Scatter-Gather method includes: preparing an initial ordering
of the corpus using, for example, an off-line computational method;
determining a summary of the initial ordering of the corpus for
interactive utility; and providing a further ordering of the corpus
using, for example, an on-line non-deterministic method. The step of an
off-line preparation of an initial ordering of a corpus is
non-time-dependent, thus an accurate initial ordering is prepared. The
step of determining a summary includes determining a summary for
presentation to a user without scrolling on a CRT. The step of providing
a further ordering includes truncated group average agglomerate
clustering, merging disjointed document sets, center finding,
assign-to-nearest and other refinement methods.

ABSTRACT WORD COUNT: 135

NOTE:

Figure number on first page: 2+3

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 001122 A2 Date of request for examination: 20000922
Application: 20000216 A2 Published application without search report
Grant: 030507 B1 Granted patent
Change: 020918 A2 Title of invention (German) changed: 20020729
Change: 020918 A2 Title of invention (English) changed: 20020729
Change: 020918 A2 Title of invention (French) changed: 20020729

Search Report: 20000322 v13 Separate publication of the search report
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 200007 | 358 |
| CLAIMS B | (English) | 200319 | 342 |
| CLAIMS B | (German) | 200319 | 341 |
| CLAIMS B | (French) | 200319 | 439 |
| SPEC A | (English) | 200007 | 10241 |
| SPEC B | (English) | 200319 | 10271 |
| Total word count - document A | | | 10601 |
| Total word count - document B | | | 11393 |
| Total word count - documents A + B | | | 21994 |

INTERNATIONAL PATENT CLASS: G06F-017/30

...SPECIFICATION number of unique words in the document collection. From this perspective, the potential determinable benefits of a partitional strategy are largely obviated by the large **size** (**relative** to the **number** of **documents**) of the required partition. For this reason partitional strategies have not been aggressively pursued by the information retrieval community.

The standard formulation of cluster search...

...SPECIFICATION number of unique words in the document collection. From this perspective, the potential determinable benefits of a partitional strategy are largely obviated by the large **size** (**relative** to the **number** of **documents**) of the required partition. For this reason partitional strategies have not been aggressively pursued by the information retrieval community.

The standard formulation of cluster search...

21/5,K/13 (Item 13 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00957425

File management apparatus and method therefor

Dateiwerwaltungsapparat und System

Appareil et systeme de gestion de fichiers

PATENT ASSIGNEE:

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AT;BE;CH;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Jeyachandran, Suresh, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, (JP)

LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. 2-5 Warwick Court High Holborn, London WC1R 5DJ, (GB)

PATENT (CC, No, Kind, Date): EP 867816 A2 980930 (Basic)

APPLICATION (CC, No, Date): EP 98302188 980324;

PRIORITY (CC, No, Date): JP 9769837 970324

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: G06F-017/30

ABSTRACT EP 867816 A2

A keyword is provided for each file, and a list of a plurality of files is displayed using a tree structure based on the keywords. From the file list, a source file to be moved or copied is selected, and is moved or copied to a different location. Then, a keyword corresponding to the location to which the file has been moved or copied is added to the source file. In addition, the form of the source file is converted to a file form that corresponds to that at the location to which the file is moved or copied.

ABSTRACT WORD COUNT: 100

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 980930 A2 Published application (Alwith Search Report
;A2without Search Report)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|----------------|----------|--------|------------|
|----------------|----------|--------|------------|

| | | | |
|----------|-----------|------|-----|
| CLAIMS A | (English) | 9840 | 921 |
|----------|-----------|------|-----|

| | | | |
|--------|-----------|------|-------|
| SPEC A | (English) | 9840 | 27522 |
|--------|-----------|------|-------|

| | |
|-------------------------------|-------|
| Total word count - document A | 28443 |
|-------------------------------|-------|

| | |
|-------------------------------|---|
| Total word count - document B | 0 |
|-------------------------------|---|

| | |
|------------------------------------|-------|
| Total word count - documents A + B | 28443 |
|------------------------------------|-------|

INTERNATIONAL PATENT CLASS: G06F-017/30

...SPECIFICATION in consonance with the priority level of each object item, while at the same time the definitions in Fig. 20 are referred to. When the **number of items** is small **relative** to the display **size**, the contents of the data for the individual object items are displayed.

(Embodiment 4)

Fig. 21 is a diagram showing an example of the determination...

21/5,K/15 (Item 15 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00954187

Document management system and document management method

Dokumentverwaltungssystem und Dokumentverwaltungsgerat

Systeme de gestion de documents et procede de gestion de documents

PATENT ASSIGNEE:

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designated states: DE;FR;GB)

INVENTOR:

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LEGAL REPRESENTATIVE:

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House, 2 Hays Lane, London SE1 2HW, (GB)

PATENT (CC, No, Kind, Date): EP 864988 A1 980916 (Basic)

APPLICATION (CC, No, Date): EP 98301326 980224;

PRIORITY (CC, No, Date): JP 9755820 970311; JP 97308753 971111

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-017/24

ABSTRACT EP 864988 A1

The present invention is a document management system utilizing tags, and enables complex retrieval of document. In said document management system, it is so arranged that a tag bundle management means 4 manages at least one kind of tag bundle 60 based on visually recognizable attributes, and a tag bundle display means 5 displays the tag bundle 60 managed by said tag bundle management means 4 based on said attributes. The user peels off tags one by one from a specific tag bundle 60 thus displayed and attaches them to object page of the object document. The tags 61 thus attached are managed by a tag management means 7 and, as the user selects one of the tag bundles displayed by said tag bundle display means 5, the tag bundle retrieval means 8 searches all tags 61 peeled off from the selected tag bundle 60, by referring to the information of the tag bundle 60 managed by said tag control means 7, while a tagged document retrieval means 9 searches and displays the document to which the tag 61 found by said tag bundle retrieval means 8 is attached, by referring to the information of the tag 61 managed by said tag management means 7. Moreover, when some of the tags of the document thus displayed is instructed, an object tag bundle switching means 50 switches the instructed tag and the attributes of the tag bundle to which that tag belongs, and displays the corresponding document.

ABSTRACT WORD COUNT: 247

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 000823 A1 Legal representative(s) changed 20000630
Application: 980916 A1 Published application (A1with Search Report
;A2without Search Report)
Examination: 021016 A1 Date of dispatch of the first examination
report: 20020830
Examination: 980916 A1 Date of filing of request for examination:
980306
Change: 990526 A1 Designated Contracting States (change)

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 9838 | 1735 |
| SPEC A | (English) | 9838 | 7253 |
| Total word count - document A | | | 8988 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 8988 |

INTERNATIONAL PATENT CLASS: G06F-017/24

...SPECIFICATION of a list may be made in a way to show all of the documents retrieved in said document list display field 111 in reduced size , or indicate one document (or a plural number of documents) in the document list display field 111 and arrange to renew the contents of display by using the increment key 111a (or decrement key 111b...

21/5,K/19 (Item 19 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00601575

Apparatus and method for managing picture data
Verfahren und Gerat zur Verwaltung von Bilddaten
Procede et dispositif pour la gestion de donnees d'images
PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 599466 A1 940601 (Basic)
EP 599466 B1 980610

APPLICATION (CC, No, Date): EP 93307892 931005;

PRIORITY (CC, No, Date): JP 92268973 921007

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-017/00 ; G06F-017/30

ABSTRACT EP 599466 A1

An apparatus for managing picture data receives picture data representing a number of pictures at different times, generates a time code indicating the time of receipt of each picture, and stores the received picture data with a header that includes the time code. In order to retrieve selected pictures, retrieval parameter information is entered to indicate a selected time period, and the picture data that was received during the selected time period is retrieved. The apparatus also forms reduced size picture data for each received picture and stores the reduced size picture data in the header together with the time code for the corresponding picture. Upon retrieving selected ones of the stored pictures, the corresponding reduced size picture data is used to display simultaneously several reduced size pictures representing the pictures

that have been retrieved. (see image in original document)
ABSTRACT WORD COUNT: 142

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 940601 A1 Published application (A1with Search Report
;A2without Search Report)
Examination: 941130 A1 Date of filing of request for examination:
941006

Examination: 970129 A1 Date of despatch of first examination report:
961216

Grant: 980610 B1 Granted patent
Oppn None: 990602 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS B | (English) | 9824 | 1250 |
| CLAIMS B | (German) | 9824 | 1206 |
| CLAIMS B | (French) | 9824 | 1352 |
| SPEC B | (English) | 9824 | 7551 |
| Total word count - document A | | | 0 |
| Total word count - document B | | | 11359 |
| Total word count - documents A + B | | | 11359 |

INTERNATIONAL PATENT CLASS: G06F-017/00 ...
... G06F-017/30

...CLAIMS 2, 3, 33).

5. Apparatus according to claim 4, wherein said display means (5) has a predetermined number of display areas for displaying a like number of reduced size pictures corresponding to the picture data stored in said buffer memory (35), and wherein said display means (5) displays the reduced size pictures corresponding to most recently...

21/5,K/53

(Item 23 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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00794683 **Image available**

DIGITAL MULTIMEDIA JUKEBOX

JUKE-BOX MULTIMEDIA NUMERIQUE

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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for: US)

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Territories, Hong Kong, CN, CN (Residence), CN (Nationality),
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only for: US)

CHAN Wing Chau, Flat 8G, Block 1, Hong Sing Garden, Tseung Kwan O,
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Legal Representative:

DEROSA Frank J (agent), Brown Raysman Millstein Felder & Steiner LLP, 900
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200128222 A2-A3 20010419 (WO 0128222)

Application: WO 2000IB1837 20001011 (PCT/WO IB0001837)

Priority Application: US 99158809 19991012

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-012/02

International Patent Class: G06F-012/08 ; G06F-017/30 ; G06F-017/60 ;

G06T-001/60; G11B-019/00; G10L-003/02; G10L-005/00; G10L-007/00;

G10L-009/00; H04N-007/16; H04N-005/93

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 17776

English Abstract

A musical jukebox (10) is disclosed which provides for: fast archiving of songs; a flexible user interface; easy and convenient entry of, access to and/or display (22) of data relating to songs archived by the jukebox (10); easy and convenient search and locate capabilities for locating, reviewing, retrieving and/or playing songs stored in the jukebox; and low cost relative to the functionality, features, conveniences and user-friendliness provided by the jukebox (10). Fast of flush archiving of songs (as well as other data and signals) is accomplished by first saving sets of data without compression, which allows the data to be entered quickly, and then, compressing later at an appropriate time. An unique MP3 bit allocation encoding scheme is used to compress data. An unique memory allocation supports fast data archiving. The user interface employs two-way communication (24) between a remote control (28) and the jukebox (10). A searchable song database is structured to enable very fast searching by music category, and also by title and artist. The jukebox (10) is provided with an on-board song track database to automatically identify new songs input to the jukebox (10).

French Abstract

L'invention concerne un juke-box dote des caracteristiques suivantes: archivage rapide de chansons, interface utilisateur conviviale, fonctions faciles et pratiques d'entree de donnees relatives aux chansons archivees par le juke-box, d'acces a ces donnees et/ou d'affichage de celles-ci, fonctions faciles et pratiques de recherche et localisation de possibilites de placement, revision, extraction et/ou lecture de chansons conservees dans le juke-box, et bas cout de conception par rapport a la fonctionnalite, aux proprietes, au cote pratique et a la convivialite du juke-box. La rapidite d'archivage -du type vidage- des chansons (de meme que d'autres donnees et signaux) s'obtient d'abord par une sauvegarde d'ensembles de donnees, sans compression, ce qui permet une entree rapide de donnees, puis par compression ulterieure des donnees a un moment approprie, un schema de codage unique MP3 avec affectation de bits etant utilise pour cette compression. Une attribution de memoire unique permet cet archivage rapide de donnees. L'interface utilisateur met en oeuvre une communication bidirectionnelle entre une commande a distance et le juke-box. Une base de donnees de chansons, consultable, est structurees pour permettre une recherche tres rapide par type de musique, et

egalement par titre et par artiste. Ce juke-box est dote d'une base de donnees integree contenant toutes les informations relatives aux chansons, permettant ainsi l'identification automatique de nouvelles chansons entrees dans le juke-box.

Legal Status (Type, Date, Text)

Publication 20010419 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20020228 Late publication of international search report

Republication 20020228 A3 With international search report.

Examination 20020502 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-012/02

International Patent Class: G06F-012/08 ...

... G06F-017/30 ...

... G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... of storing in a respective segment record information relating to a plurality of segments, storing in a plurality of category records, each having a bit size at least equal to the number of segment 5 records, information indicating whether a segment falls within the category, and mapping segment information in the category records to the segment records.

The database is stored on a...

21/5,K/55 (Item 25 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00785112 **Image available**

SYSTEM AND METHOD FOR SECURE STORAGE, TRANSFER AND RETRIEVAL OF CONTENT ADDRESSABLE INFORMATION

SYSTEME ET PROCEDE DE STOCKAGE, DE TRANSFERT ET D'EXTRACTION SECURISES D'INFORMATIONS ADRESSABLES PAR CONTENU

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200118633 A1 20010315 (WO 0118633)

Application: WO 2000IB1354 20000901 (PCT/WO IB0001354)

Priority Application: US 99391360 19990907

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-001/00

International Patent Class: G06F-017/30

Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 18605

English Abstract

An algorithm (such as the MD5 hash function) (104) is applied to a file (102) to produce an intrinsic unique identifier (IUI) (106) for the file (or message digest). The file is encrypted using its IUI as the key (106) for the encryption algorithm. An algorithm (112) is then applied to the encrypted file (110) to produce an IUI (114) for the encrypted file. The encrypted file is safely stored or transferred within a network and is uniquely identifiable by its IUI. The encrypted file is decrypted using the IUI of the plaintext file as the key. The IUI serves as both a key to decrypt the file and also as verification that the integrity of the plaintext file has not been compromised. IUIs for any number of such encrypted files may be assembled into a descriptor file (130) that includes meta data (134) for each file, the IUI (106) of the plaintext file and the IUI (114) of the encrypted file. An algorithm (136) is applied to the descriptor file to produce an IUI (138) for the descriptor file. The plaintext descriptor file is then encrypted using the descriptor file IUI as a key for the encryption algorithm. An algorithm (144) is applied to the encrypted descriptor file (142) to produce an IUI (146) for the encrypted descriptor file. The IUI of the encrypted descriptor file is a location-independent identifier to locate the encrypted descriptor file. A flattened descriptor file (460) includes the IUIs (416, 422, 432) of encrypted data files and the IUI (456) of the encrypted descriptor file. An algorithm (462) is applied to the flattened descriptor file to produce its own IUI (464).

French Abstract

Un algorithme (tel que la fonction de hachage MD5) (104) est applique a un fichier (102) afin de produire un identificateur intrinseque unique (IIU) (106) pour le fichier (ou resume de messages). Le fichier est chiffre a l'aide de son IIU en tant que cle (106) pour l'algorithme de chiffrement. Un algorithme (112) est ensuite applique au fichier chiffre (110) pour produire un IIU (114) pour le fichier chiffre. Le fichier chiffre est stocke ou transfere de maniere sure a l'interieur d'un reseau et il est identifiable de facon unique par son IIU. Le fichier chiffre est dechiffre a l'aide de l'IIU du fichier en texte clair en tant que cle. L'IIU sert a la fois de cle pour dechiffrer le fichier et egalement de verification que l'integrite du fichier de texte clair n'a pas ete compromise. Les IIU pour n'importe quel nombre de ces fichiers chiffres peuvent etre assemblees en un fichier? (inverted question mark) (130) de descripteurs contenant des metadonnees (134) pour chaque fichier, l'IIU (106) du fichier de texte clair et l'IIU (114) du fichier chiffre. Un algorithme (136) est applique au fichier de descripteurs afin de produire un IIU (138) pour le fichier de descripteurs. Le fichier de descripteurs en texte clair est alors chiffre a l'aide de l'IIU du fichier de descripteurs en tant que cle pour l'algorithme de chiffrement. Un algorithme (144) est applique au fichier (142) de descripteurs chiffre afin de produire un IIU (146) pour le fichier de descripteurs chiffre. L'IIU du fichier de descripteurs chiffre est un identificateur independant de l'emplacement destine a localiser le fichier de descripteurs chiffre. Un fichier (460) de descripteurs aplani comprend les IIU (416, 422, 432) de fichiers de donnees chiffres et l'IIU (456) du fichier de descripteurs chiffre. Un algorithme (462) est applique au fichier de descripteurs aplani pour produire son propre IIU (464).

Legal Status (Type, Date, Text)

Publication 20010315 A1 With international search report.

Publication 20010315 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20010726 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-001/00

International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... was created and is useful for keeping track of versions. Comments may be inserted into the descriptor file for any purpose by the user. The **number of files represented**, number of folders and total **size** is useful for progress status during downloading.

A descriptor file may include any number of represented files and optionally may include the folders in which...

21/5,K/57 (Item 27 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00761427

INTELLIGENT AGENT PARALLEL SEARCH AND COMPARISON ENGINE

MOTEUR DE RECHERCHE ET DE COMPARAISON PARALLELES A AGENT INTELLIGENT

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200073942 A2 20001207 (WO 0073942)

Application: WO 2000US14769 20000526 (PCT/WO US0014769)

Priority Application: US 99137136 19990527

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 19096

English Abstract

The invention provides an object-oriented system for building and deploying intelligent agent-based search and comparison application quickly and easily for retrieving and comparing information of any type for any industry. The core of the invented system is a suite of modular software engines that are suited to rapid development of semi-custom applications, including: an intelligent agent parallel search and comparison engine, a proxy engine that registers saved queries on host sites, and an agent-based engine that pushes data to online forms, web sites, or databases. A series of tools, all accessed from a common interface, are used to create new applications, alter engine performance, add new information sources to the engine, and make other administrative changes without the necessity of relying on individuals with specialized skills, such as programmers or IS personnel. A scaleable architecture

enables the development and deployment of applications capable of performing complicated information retrieval tasks on behalf of a consumer or merchant in the area of network-based information retrieval. Advantageously, the intelligent agent based applications can navigate and understand all possible Internet-based sources: WWW sites, Newsgroups, online libraries, FTP sites and text files and can communicate via all standard protocols including http, via SSL, redirection, cookies and any other security mechanisms.

French Abstract

L'invention concerne un systeme oriente-objet destine a construire et a deployer rapidement et facilement des applications de recherche et de comparaison intelligentes en mode agent, pour extraire et comparer des informations de tout type relatives a n'importe quelle industrie. Le noyau du systeme invente est une serie de moteurs logiciels modulaires adaptes pour developper rapidement des applications semi-personnalisees, comprenant un moteur de recherche et de comparaison paralleles a agent intelligent, un moteur de procuration qui inscrit les demandes sauvegardees sur des sites hotes, et un moteur en mode agent qui transmet les donnees a des formulaires en ligne, des sites Web ou des bases de donnees. Une serie d'outils, auxquels on peut acceder a partir d'une interface commune, est utilisee pour creer de nouvelles applications, modifier la performance des moteurs, ajouter de nouvelles sources d'informations au moteur, et effectuer d'autres modifications administratives sans devoir faire appel a des personnes qualifiees, telles que des programmeurs ou des employes des services informatiques. Une architecture scalaire permet de developper et de deployer des applications capables d'effectuer des taches complexes d'extraction d'informations au nom d'un consommateur ou d'un commerçant dans le domaine de l'extraction d'informations en reseau. Les applications intelligentes en mode agent peuvent avantageusement naviguer et comprendre toutes les sources Internet possibles : sites Web, forums, bibliotheques en ligne, sites FTP et fichiers texte, et peuvent communiquer par l'intermediaire de tous les protocoles normaux dont http, SSL, le reacheminement, les temoins et autres mecanismes de securite.

Legal Status (Type, Date, Text)

Publication 20001207 A2 Without international search report and to be republished upon receipt of that report.

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... the Administrative Control Panel 90 includes a 'Cache Control' section 91. Figure 14 provides a detailed view of the 'Cache Control' section. The current cache **size** 140 **indicates** the **number** of **items** currently cached. An 'Empty Cache' link 140 clears the cache of all cached items. A cache management process runs in the background to check the...

21/5,K/58 (Item 28 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00757101 **Image available**

INTELLIGENT COMPUTER SYSTEM

SYSTEME INTELLIGENT D'ORDINATEUR

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, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200070481 A1 20001123 (WO 0070481)

Application: WO 2000US13360 20000515 (PCT/WO US0013360)

Priority Application: US 99134105 19990514

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS

LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR

TT UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/18

International Patent Class: G06F-017/30 ; G06F-017/60 ; G06N-005/02;

G05B-013/02

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 47372

English Abstract

An intelligent computer system (180) is capable of real time learning, inference and updating of user profiles and trends to facilitate on-line, real-time recommendations or answer queries related to the user, referred to as "personalization", and may be added to, or integrated with, any of a variety of distributed computer systems (102, 104, 106, 108) to add dynamic personalization capability thereto. The intelligent computer system (180) distributes its processes across the system as processors become available and as a function of the loads across the system. The intelligent computer system (180) includes a business command center (230) for generating and maintaining enterprise specific rules, which may be entered by a non-technical enterprise user. The system also includes a core (210) that serves as an operating system and includes functionality to evaluate which rules should be applied to a consumer and his session. An artificial intelligence system includes a machine learning system for generating and updating Bayesian models, using off-line and on-line processes, which are used by its inference system to make intelligent recommendations related to the user.

French Abstract

La presente invention concerne un systeme intelligent d'ordinateur (180) a capacites d'apprentissage en temps reel, d'inference et de mise a jour de profils utilisateurs et tendant a faciliter, en ligne, des recommandations ou des reponses a des questions en temps reel a l'utilisateur, designees comme "personnalisation", et qui peut etre ajoute a, ou integre avec l'un quelconque de nombreux systemes d'ordinateurs repartis (102, 104, 106, 108) en vue de leur conférer une possibilite de personnalisation dynamique. Le systeme intelligent d'ordinateur (180) repartit ses processus a travers le systeme lorsque des processeurs deviennent disponibles et, en fonction des charges sur le systeme. Ce systeme (180) comprend un centre de commande d'affaires (230) destine a produire et a maintenir des regles specifiques d'entreprise, qui peuvent etre entrees par un utilisateur d'entreprise non technicien. Il comprend aussi un noyau (210) servant un systeme de fonctionnement et comprenant une fonctionnalite permettant d'évaluer quelles regles doivent etre appliquees a un utilisateur et a sa session. Un systeme d'intelligence artificielle comprend un systeme d'apprentissage machine destine a produire et a mettre a jour, au moyen de processus en et hors ligne, des modeles bayesiens utilises par son systeme d'inference afin de pouvoir effectuer des recommandations intelligentes par rapport a l'utilisateur.

Legal Status (Type, Date, Text)

Publication 20001123 A1 With international search report.

Publication 20001123 A1 With amended claims.

Examination 20010503 Request for preliminary examination prior to end of

19th month from priority date

Main International Patent Class: G06F-015/18

International Patent Class: G06F-017/30 ...

... G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... moralization graph, one of the graph nodes exceeds a certain threshold known as the "maximum bucket dimensionality", the ordering attempt fails. The maximum bucket dimensionality represents the maximal allowed size (number of elements) in the "Lambda" function, which every bucket produces. This size is equal to the product of the cardinality of all variables of all functions in...

21/5,K/59 (Item 29 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00739252 **Image available**

INTELLECTUAL PROPERTY ASSET MANAGER (IPAM) FOR CONTEXT PROCESSING OF DATA OBJECTS

GESTIONNAIRE D'ACTIF DE PROPRIETE INTELLECTUELLE POUR LE TRAITEMENT CONTEXTUEL D'OBJETS DE DONNEES

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200052618 A2-A3 20000908 (WO 0052618)

Application: WO 2000US5080 20000229 (PCT/WO US0005080)

Priority Application: US 99260079 19990302

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

English Abstract

Context data processing is described herein. One or more contexts are selected. Each context includes one or more attributes, and a plurality of data objects that satisfy the attributes. A list of data objects contained in the selected contexts is displayed. At least some of the data objects in the selected contexts are processed. Such processing may involve generating claim trees, citation trees, and data object families, which may be displayed using hyperbolic trees. In an embodiment, the contexts are groups. In other embodiment, the contexts are each associated with a data object type. In this latter embodiment, the contexts include data objects of their respective data object types.

French Abstract

L'invention concerne le traitement de donnees contextuelles. On choisit au moins un contexte. Chaque contexte renferme plusieurs attributs, ainsi que plusieurs donnees qui satisfont a ces attributs. Une liste d'objets de donnees contenus dans les contextes choisis est presentee. Plusieurs objets de donnees des contextes choisis sont traites, ce qui peut impliquer la creation d'arborescences de revendications et de citations, ainsi que des familles d'objets de donnees que l'on peut presenter a l'aide d'arborescences hyperboliques. Dans un mode de realisation, chaque contexte est associe a un type d'objet de donnees. En l'occurrence, les contextes renferment des objets de donnees de leurs types d'objets de donnees respectifs.

Legal Status (Type, Date, Text)

| | | |
|---------------|----------|--|
| Publication | 20000908 | A2 Without international search report and to be republished upon receipt of that report. |
| Examination | 20001207 | Request for preliminary examination prior to end of 19th month from priority date |
| Search Rpt | 20010426 | Late publication of international search report |
| Republication | 20010426 | A3 With international search report. |
| Search Rpt | 20010426 | Late publication of international search report |
| Correction | 20020131 | Corrected version of Pamphlet: pages 1/99-99/99, drawings, replaced by new pages 1/93-93/93; due to late transmittal by the receiving Office |
| Republication | 20020131 | A3 With international search report. |

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... is shown as 6306 in FIG. 63. In display 6306, documents that are similar in content are represented as peaks in a landscape. The relative **size** of the peaks **correspond** to the **number** of **documents** that are directed to the subject matter associated with the neaks. Preferably, operation of the third party component is dynamic, such that the context of...

...such as author. If the user chanaes the context to author, then the peaks in the display 6306 would correspond to author, and the relative **size** of the peaks would **indicate** the **number** of **documents** that I 0 were by respective authors.

In step 6408, the user selects a subset of the 1,000 documents via use of the third...

21/5,K/61 (Item 31 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00555921 **Image available**

PORTABLE STORAGE AND CONTROL UNITS FOR DIGITAL DATA
UNITES DE COMMANDE ET DE STOCKAGE PORTABLES POUR DONNEES NUMERIQUES

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MCRAE Matthew B,

Inventor(s):

MCRAE Matthew B,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200019294 A2 20000406 (WO 0019294)

Application: WO 99US22234 19990924 (PCT/WO US9922234)

Priority Application: US 98161602 19980925; US 99346495 19990630

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG US UZ VN YU ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU

TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG

CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: **G06F**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10775

English Abstract

A data storage and control unit has processor connected to a data input for receiving data, a data output for providing data, a control input for providing a control signal, and a storage device for storing data. The processor causes data received at the data input to be stored on the storage device and causes data stored on the storage device to be provided to the data output upon receipt of the control signal from the control input. The data storage and control unit may be configured as: a portable presentation unit for presenting data such as photographs, graphics, and text; a portable photo storage unit for storing digital photographs either directly from a digital camera or from another source; or an audio/video (A/V) play-back unit for playing a series of photographs onto a conventional display such as a television. The data storage and control unit may include any combination of data inputs and outputs to enhance the versatility of the unit, such as memory card ports, data ports, video ports, and wireless ports. The storage devices may include memory chips and/or hard drives.

French Abstract

L'invention concerne une unite de commande et de stockage de donnees dont le processeur est connecte a une entree de donnees recevant les donnees, a une sortie de donnees produisant les donnees en sortie, a une entree de commande fournissant un signal de commande, et a un dispositif de stockage permettant le stockage des donnees. Le processeur permet d'enregistrer sur le dispositif de stockage les donnees recues au niveau de l'entree de donnees, donnees qui une fois stockees sont transmises a la sortie de donnees a la reception du signal de commande en provenance de l'entree de commande. L' unite de commande et de stockage de donnees peut avoir les configurations ci-apres: unite de presentation portable servant a presenter des donnees telles que des photographies, des graphiques et du texte ; unite portable de stockage de photographies destinee au stockage de photographies numeriques soit directement a partir d'un appareil photo numerique soit a partir d'une autre source ; ou unite de lecture audio/video destinee a la reproduction d'une serie de photographies sur un ecran traditionnel tel qu'un ecran de television. L' unite de commande et de stockage de donnees peut comprendre n'importe quelle combinaison d'entrees et de sorties de donnees ameliorant la souplesse d'emploi de l' unite, notamment des ports de carte memoire, des ports de donnees, des ports video, et des ports sans fil. Les dispositifs de stockage peuvent comprendre des puces de memoire et/ou des disques durs.

Main International Patent Class: **G06F**

Fulltext Availability:

Detailed Description

Detailed Description

... images in succession. Accordingly, exemplary digital image display 100

of the present invention may provide either a single image in picture-frame fashion or a **number** of **images** in slide- show fashion. Depending upon the **size** of the memory 114, hundreds of images may be stored for display on the display device 106. The memory 114 may be in the form...

21/5,K/62 (Item 32 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00536375 **Image available**

METHOD AND SYSTEM FOR VISUALIZATION OF CLUSTERS AND CLASSIFICATIONS
PROCEDE ET SYSTEME DE VISUALISATION D'AGREGATS ET DE CLASSIFICATIONS

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Detailed Description

Claims

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English Abstract

A system that provides for the graphic visualization of the categories of a collection of records. The graphic visualization is referred to as "category graph". The system optionally displays the category graph as a "similarity graph" or a "hierarchical map". When displaying a category graph, the system displays a graphic representation of each category. The system displays the category graph as a similarity graph or a hierarchical map in a way that visually illustrates the similarity between categories. The display of a category graph allows a data analyst to better understand the similarity and dissimilarity between categories. A similarity graph includes a node for each category and an arc connecting nodes representing categories whose similarity is above a threshold. A hierarchical map is a tree structure that includes a node for each base category along with nodes representing combinations of similar categories.

French Abstract

L'invention concerne un systeme de visualisation graphique de categories d'un ensemble d'enregistrements. La visualisation graphique est appelee "graphe de categorie". Le systeme affiche facultativement le graphe de categorie comme "graphe de similitude" ou comme "carte hierarchique". Lors de l'affichage d'un graphe de categorie, le systeme affiche une representation graphique de chaque categorie. Le systeme affiche le graphe de categorie comme graphe de similitude ou comme carte hierarchique de maniere a illustrer visuellement une similitude entre categories. L'affichage d'un graphe de categorie permet a un analyseur de donnees de mieux comprendre une similitude et une dissimilitude entre des categories. Un graphe de similitude comporte un noeud pour chaque categorie et un arc connectant des noeuds representant des categories dont la similitude se situe au-dessus d'un seuil. Une carte hierarchique est une structure d'arbre qui comprend un noeud pour chaque categorie de

base ainsi que des noeuds représentant des combinaisons de catégories similaires.

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... no arc between node 205 representing category "en terprise" and node 203 representing category "ie support."
The shading within the nodes of the similarity graph **indicate** the **size** (i.e., **number of records**) of the category that the node represents relative to the category with the most number of records. Since category "ie" contains more records than any...